

MVX

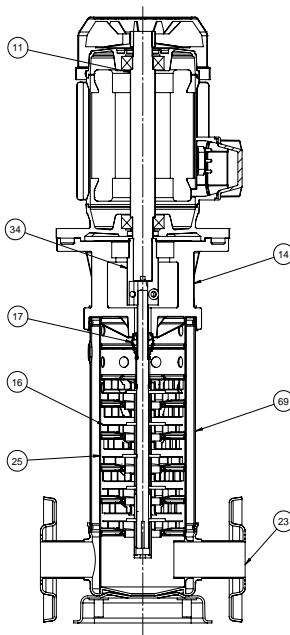
multistadio ad asse verticale



APPLICATIONS



Cuore d'acciaio
Heart of steel
Coeur d'acier
Corazón de acero



NOMENCLATURA PARTI DI RICAMBIO SPARE PARTS LIST NOMENCLATURE PIECES DE RECHANGE NOMENCLATURA REPUESTOS

| | |
|---|----|
| Albero con rotore – Pump shaft + rotor Arbre + rotor – Eje rotor | 11 |
| Supporto mandata – Outlet bracket Support envoyée – Soporte entrega | 14 |
| Girante – Impeller Turbine – Impulsor | 16 |
| Tenuta meccanica – Mechanical seal Garniture mécanique – Cierre mecánico | 17 |
| Giunto – Coupling Manchon – Acoplamiento | 34 |
| Corpo flangia aspirante – Suction flange body Corp bride aspirant – Cuerpo brida entrega | 23 |
| Diffusore – Diffuser Diffuseur – Difusor | 25 |
| Camicia – Cover Chemise – Camisa | 69 |

ELETTROPOMPE CENTRIFUGHE MULTISTADIO AD ASSE VERTICALE IN ACCIAIO INOX

Estremamente silenziose ed affidabili, le elettropompe centrifughe ad asse verticale multistadio della serie MVX sono state progettate per pompare liquidi puliti, senza parti abrasive, senza corpi solidi in sospensione, non esplosivi o aggressivi per i materiali della pompa

- Temperatura del liquido fino a 35 °C per uso domestico (CEI EN 60335-2-41) o 120 °C per altri usi e temperatura ambiente fino a 40 °C
- Massima pressione di esercizio 27 bar
- Portate fino a ~ 84 m³/h
- Prevalenze fino a ~ 320 m.

CARATTERISTICHE COSTRUTTIVE

| | |
|-----------------------------|--|
| Supporto motore | Ghisa G20 con trattamento anticorrosione |
| Corpo pompa | Microfusione di acciaio inox AISI 304 (Ghisa G20 con trattamento cataforesi per versioni 30-45-65) |
| Diffusori, Girante e Albero | Acciaio inox AISI 304 |
| Boccole | Carburo di tungsteno |
| Tenuta meccanica | EPDM Grafite - Carburo di silicio |

MOTORE

I motori di comando sono del tipo asincrono a gabbia di scoiattolo chiusi, a ventilazione esterna.

- Condensatore permanentemente inserito per i tipi monofasi
- La protezione del motore è a cura del cliente e si raccomandano apparecchiature in accordo con le norme vigenti
- Isolamento classe F
- Servizio S1
- Grado di protezione IP 55
- Protezione morsettiera IP 55
- Dimensione B14 fino a 4 kW, dimensione B5 da 5,5 kW
- Tensione standard fino a 4 kW 230/400 V, 400/690 V a partire da 5.5 kW

ÉLETTROPOMPES CENTRIFUGES MULTISTADIO À AXE VERTICAL EN ACIER INOX

Extrêmement silencieuses et fiables, les électropompes centrifuges à axe vertical multistadio de la série MVX ont été conçues pour pomper des liquides propres, sans parties abrasives, sans corps liquides en suspension, non explosifs ou agressifs pour les matériaux de la pompe

- Température du liquide jusqu'à 35 °C pour utilisation domestique (CEI EN 60335-2-41) ou 120 °C pour d'autres utilisations et température ambiante jusqu'à 40 °C
- Pression de service maximale 27 bars
- Plage d'utilisation jusqu'à ~ 84 m³/h
- Hauteur manométrique jusqu'à ~ 320 m.

CARACTERISTIQUES DE CONSTRUCTION

| | |
|-----------------------------|--|
| Lanterne | En fonte G20 avec traitement anti-corrosion |
| Corps de pompe | Moulage de précision d'acier inox AISI 304 (En fonte G20 avec traitement en cataphorèse vs 30-45-65) |
| Diffuseurs, Turbine & Arbre | Acier inox AISI 304 |
| Douilles | Carbure de tungstène |
| Garniture mécanique | EPDM Graphite - Carbure de silicium |

MOTOR

Les moteurs sont asynchrones à cage d'écurieil fermés a ventilation extérieure monofásicos.

- Pour le modèles monophasé son avec condensateur connecté en permanence
- La protection est à la charge de l'utilisateur. A recommandé l'équipement conformément à la réglementation
- A Classe d'isolation F
- Service S1
- Protection IP 55
- Protection IP 55 dans le terminal
- Taille jusqu'à 4 kW B14, format B5 de 5,5 kW
- La tension standard jusqu'à 4 kW 230/400 V, 400/690 V de 5,5 kW

VERTICAL CENTRIFUGAL MULTISTAGE ELECTRIC PUMPS IN STAINLESS STEEL

Extremely noiseless and reliable the vertical centrifugal multistage electric pumps of the series MVX have been designed to pump clean liquids, without abrasives and suspended solids, non-explosive or aggressive for the pump's materials

- Liquid temperature not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 120 °C for other use, while the ambient temperature must not be higher than 40 °C
- Maximum working pressure is 27 bar
- Flow rate up to ~ 84 m³/h
- Heads up to ~ 320 m.

TECHNICAL FEATURES

| | |
|-----------------------------------|---|
| Motor bracket | Cast iron G20 with anti-corrosive coating |
| Pump body | Stainless steel AISI 304 (cast iron G20 with cataphoretic treatment version 30-45-65) |
| Diffusers, Impellers & Pump Shaft | Stainless steel AISI 304 |
| Bushings | Tungsten carbide |
| Mechanical seal | EPDM Graphite - Silicon carbide |

MOTOR

The control motors are asynchronous, squirrel cage-type, closed, with external ventilation.

- Capacitor always on, for single-phase models
- The motor protection must be installed by the customer. Equipment compliant with current standards should be used
- Class of insulation F
- Service S1
- Degree of protection: IP 55
- Terminal board protection: IP 55
- Dimension B14 up to 4 kW, dimension B5 starting from 5.5 kW
- The standard voltage is 230/400 V up to 4 kW, whereas it is 400/690 V starting from 5.5 kW.

ELECTROBOMBAS CENTRÍFUGAS MULTIETAPA DE EJE VERTICAL EN ACERO INOX

Extremadamente silenciosas y fiables, las electrobombas centrífugas multi-etapa de eje vertical de la serie MVX han sido proyectadas para bombear líquidos limpios sin partes abrasivas, sin cuerpos sólidos en suspensión, que no sean explosivos ni agresivos para los materiales de la bomba.

- Temperatura del líquido hasta 35 °C para uso doméstico (CEI EN 60335-2-41) o 120 °C para otros usos y temperatura ambiente hasta 40 °C
- Máxima presión de ejercicio 27 bar
- Caudal hasta ~ 84 m³/h
- Alturas hasta ~ 320 m.

CARACTERISTICAS DE CONSTRUCCIÓN

| | |
|--------------------------|---|
| Soporte | Fundición gris G20 con tratamiento contra-corrosión |
| Cuerpo de bomba | En fundición de acero inoxidable AISI 304 (Fundición gris G20 con tratamiento en cataforesis vs 30-45-65) |
| Difusores, Rodetes & Eje | Acero Inox AISI 304 |
| Bujes | Carburo de tungsteno |
| Cierre mecánico | EPDM Grafite - Carburo de silicio |

MOTOR

Los motores de accionamiento son asincrono de jaula de ardilla cerrados, ventilados externamente.

- Para los modelos monofásicos, condensador incorporado
- La protección se encarga el usuario. y el equipo recomendado de acuerdo con las normas
- Aislamiento de Clase F
- Funcionamiento S1
- Protección IP 55
- Protección IP 55 para el terminal
- B14 Tamaño de hasta 4 kW, tamaño B5 desde 5,5 kW
- Voltaje estándar de hasta 4 kW 230/400 V, 400/690 V de 5,5 kW

50 Hz - min⁻¹ ~ 2900

| TIPO TYPE | | Potenza nominale Nominal power[A] | | Portata - Capacity | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---------------------|-----------------------------------|-----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Monofase Single-phase | Trifase Three-phase | kW | HP | Q [m ³ /h] | 0 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,4 | 6 | 7 | 8 | 9 | 10 | 11 | 14 | 16 | 18 | 20 | 22 | 24 |
| | | | | Q [l/1'] | 0 | 16,7 | 25 | 33,3 | 42 | 50 | 58,3 | 67 | 75 | 83,3 | 90 | 100 | 116,7 | 133 | 150 | 166,7 | 183 | 200 | 233,3 | 266 | 300 | 333 | 367 |
| | | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | | | | | | | | | | | | | | |
| a | b | | | H [m] | | | | | | | | | | | | | | | | | | | | | | | |
| MXV 3-10 FM | MXV 3-10 FT | 1,1 | 1,5 | 75 | 72,5 | 70 | 66,5 | 61,5 | 55,5 | 48 | 38,5 | 27,5 | | | | | | | | | | | | | | | |
| MXV 3-12 FM | MXV 3-12 FT | 1,1 | 1,5 | 89,5 | 86 | 83 | 78,5 | 72,5 | 65 | 56 | 45 | 31,5 | | | | | | | | | | | | | | | |
| MXV 3-14 FM | MXV 3-14 FT | 1,47 | 2 | 105,5 | 102 | 98,5 | 93,5 | 86,5 | 78 | 67,5 | 54,5 | 39,5 | | | | | | | | | | | | | | | |
| MXV 3-16 FM | MXV 3-16 FT | 1,47 | 2 | 120 | 115,5 | 111,5 | 105,5 | 98 | 88 | 76 | 61 | 43,5 | | | | | | | | | | | | | | | |
| MXV 3-18 FM | MXV 3-18 FT | 2,2 | 3 | 136,5 | 132,5 | 128 | 121,5 | 113,5 | 102,5 | 89 | 72,5 | 53 | | | | | | | | | | | | | | | |
| MXV 3-21 FM | MXV 3-21 FT | 2,2 | 3 | 158,5 | 153,5 | 148 | 140,5 | 130,5 | 118 | 102 | 83 | 60 | | | | | | | | | | | | | | | |
| MXV 3-25 FM | MXV 3-25 FT | 2,2 | 3 | 187,5 | 181 | 174,5 | 165,5 | 153,5 | 138 | 119 | 96 | 68,5 | | | | | | | | | | | | | | | |
| - | MXV 3-29 FT | 3 | 4 | 220 | 213,5 | 206,5 | 196,5 | 183,5 | 166 | 144 | 117,5 | 86 | | | | | | | | | | | | | | | |
| - | MXV 3-33 FT | 3 | 4 | 249,5 | 242 | 234 | 222 | 206,5 | 187 | 162 | 131,5 | 95,5 | | | | | | | | | | | | | | | |
| MXV 6-9 FM | MXV 6-9 FT | 1,1 | 1,5 | 67 | | | | | 59 | 56,5 | 54 | 51,5 | 48,5 | 46 | 42,5 | 33,5 | | | | | | | | | | | |
| MXV 6-11 FM | MXV 6-11 FT | 1,47 | 2 | 82,5 | | | | | 73,5 | 71 | 67,5 | 64,5 | 61 | 58 | 53,5 | 42,5 | | | | | | | | | | | |
| MXV 6-14 FM | MXV 6-14 FT | 2,2 | 3 | 105,5 | | | | | 95,5 | 92 | 88 | 83,5 | 79,5 | 76 | 70 | 56 | | | | | | | | | | | |
| MXV 6-17 FM | MXV 6-17 FT | 2,2 | 3 | 127,5 | | | | | 114,5 | 109,5 | 105 | 99,5 | 94,5 | 90 | 83 | 66 | | | | | | | | | | | |
| - | MXV 6-20 FT | 3 | 4 | 152 | | | | | 138 | 133 | 127 | 121 | 115 | 110 | 101,5 | 82 | | | | | | | | | | | |
| - | MXV 6-23 FT | 3 | 4 | 174 | | | | | 157,5 | 151,5 | 144,5 | 138 | 131 | 125 | 115 | 92,5 | | | | | | | | | | | |
| - | MXV 6-28 FT | 4 | 5,5 | 214 | | | | | 194,5 | 188 | 181 | 173,5 | 164,5 | 156,5 | 143 | 115,5 | | | | | | | | | | | |
| - | MXV 6-33 FT | 4 | 5,5 | 251,5 | | | | | 227 | 219,5 | 211 | 201,5 | 191 | 182 | 166 | 133,5 | | | | | | | | | | | |
| - | MXV 6-36 FT | 5,5 | 7,5 | 275 | | | | | 249,5 | 241,5 | 232,5 | 222,5 | 211,5 | 201,5 | 184 | 148,5 | | | | | | | | | | | |
| MXV 10-6 FM | MXV 10-6 FT | 2,2 | 3 | 61 | | | | | | | | | | | 56 | 54 | 51,5 | 49 | 46 | 42 | 27,5 | | | | | | |
| - | MXV 10-8 FT | 3 | 4 | 81,5 | | | | | | | | | | | 75,5 | 73 | 70 | 66,5 | 62,5 | 57,5 | 38 | | | | | | |
| - | MXV 10-10 FT | 4 | 5,5 | 102,5 | | | | | | | | | | | 96 | 93 | 89 | 84,5 | 79,5 | 73,5 | 49 | | | | | | |
| - | MXV 10-12 FT | 4 | 5,5 | 123 | | | | | | | | | | | 114 | 110 | 105,5 | 100,5 | 94 | 87 | 57,5 | | | | | | |
| - | MXV 10-15 FT | 5,5 | 7,5 | 153,5 | | | | | | | | | | | 142,5 | 138 | 132 | 125,5 | 118 | 109 | 72 | | | | | | |
| - | MXV 10-19 FT | 7,5 | 10 | 195 | | | | | | | | | | | 182 | 176 | 169 | 160,5 | 151 | 139,5 | 93 | | | | | | |
| - | MXV 10-23 FT | 7,5 | 10 | 235,5 | | | | | | | | | | | 218,5 | 211 | 202 | 192 | 180,5 | 166,5 | 110 | | | | | | |
| - | MXV 10-24 FT | 11 | 15 | 248 | | | | | | | | | | | 234 | 227 | 218 | 208 | 196 | 182 | 122,5 | | | | | | |
| - | MXV 15-4 FT | 4 | 5,5 | 58 | | | | | | | | | | | | | 52,5 | 52 | 51 | 49 | 46,5 | 44 | 40,5 | 35,5 | 29,5 | 23,5 | |
| - | MXV 15-6 FT | 5,5 | 7,5 | 87,5 | | | | | | | | | | | | | 79,5 | 78 | 77 | 75 | 71 | 67 | 61,5 | 54 | 46 | 36,5 | |
| - | MXV 15-8 FT | 7,5 | 10 | 117 | | | | | | | | | | | | | 106,5 | 105 | 103 | 100 | 95 | 90 | 82,5 | 72,5 | 62 | 49 | |
| - | MXV 15-10 FT | 11 | 15 | 147,5 | | | | | | | | | | | | | 134,5 | 132 | 131 | 128 | 121 | 115 | 106 | 94 | 80,5 | 65 | |
| - | MXV 15-11 FT | 11 | 15 | 162 | | | | | | | | | | | | | 148 | 145,5 | 143,5 | 140 | 133 | 126,5 | 116,5 | 103 | 88,5 | 71 | |
| - | MXV 15-12 FT | 11 | 15 | 176,5 | | | | | | | | | | | | | 161 | 158,5 | 156,5 | 152 | 144,5 | 137,5 | 126,5 | 112 | 96 | 77 | |
| - | MXV 15-13 FT | 11 | 15 | 191 | | | | | | | | | | | | | 174,5 | 172 | 169 | 165 | 156,5 | 148,5 | 136,5 | 120,5 | 103 | 82,5 | |
| - | MXV 15-14 FT | 11 | 15 | 205,5 | | | | | | | | | | | | | 187,5 | 184,5 | 182 | 177 | 168 | 159 | 146 | 129 | 110,5 | 88 | |
| - | MXV 15-16 FT | 15 | 20 | 235,5 | | | | | | | | | | | | | 214 | 211 | 208 | 204 | 192 | 182,5 | 167,5 | 148 | 126,5 | 101,5 | |
| - | MXV 15-17 FT | 15 | 20 | 249,5 | | | | | | | | | | | | | 227,5 | 224 | 220,5 | 216 | 203,5 | 193 | 177,5 | 156,5 | 134 | 107 | |

a) ~Monofase 230 V b) ~Trifase 230/400 V < 5,5Hp ~Trifase 400/690 V > 5,5Hp

50 Hz - min⁻¹ ~ 2900

| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/v ¹] | Portata - Capacity | | | | | | | | | |
|--|---|------|--|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | | | 0 | 15 | 18 | 22 | 25 | 30 | 35 | 40 | 45 | |
| | | | | 0 | 250 | 300 | 367 | 417 | 500 | 583 | 667 | 750 | |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | |
| | [kW] | [HP] | | | | | | | | | | | |
| MXV 30/2 FT | 5,5 | 7,5 | H [m] | 49,5 | 44,5 | 43,5 | 42 | 41 | 38,5 | 35,5 | 31,5 | 26,5 | |
| MXV 30/3-2a FT | 5,5 | 7,5 | | 62,5 | 58 | 57 | 54,5 | 53 | 49 | 44 | 37,5 | 30,5 | |
| MXV 30/3 FT | 7,5 | 10 | | 74,5 | 66,5 | 65 | 63 | 61 | 57,5 | 53 | 47 | 39,5 | |
| MXV 30/4-2a FT | 7,5 | 10 | | 87 | 79,5 | 78 | 75 | 72,5 | 67,5 | 60,5 | 52,5 | 42,5 | |
| MXV 30/4 FT | 11 | 15 | | 100 | 89,5 | 87,5 | 85 | 82,5 | 78 | 72 | 64 | 54 | |
| MXV 30/5-2a FT | 11 | 15 | | 112,5 | 103 | 101 | 97,5 | 94,5 | 88,5 | 80,5 | 70 | 57,5 | |
| MXV 30/5 FT | 15 | 20 | | 124,5 | 111,5 | 109 | 106 | 103 | 97 | 89,5 | 79 | 67 | |
| MXV 30/6-2a FT | 15 | 20 | | 137,5 | 125,5 | 123 | 119 | 115,5 | 108 | 98,5 | 86 | 71,5 | |
| MXV 30/6 FT | 15 | 20 | | 149,5 | 134 | 131 | 127,5 | 124 | 117 | 108 | 95,5 | 81 | |
| MXV 30/7-2a FT | 15 | 20 | | 162,5 | 147,5 | 144,5 | 139,5 | 135,5 | 127 | 116 | 101,5 | 84,5 | |
| MXV 30/7 FT | 18,5 | 25 | | 174 | 156 | 152,5 | 148 | 144 | 136 | 125 | 111 | 93,5 | |
| MXV 30/8-2a FT | 18,5 | 25 | | 187,5 | 170,5 | 166,5 | 161 | 156,5 | 147 | 134,5 | 118 | 98 | |
| MXV 30/8 FT | 18,5 | 25 | | 199,5 | 179 | 175 | 169,5 | 165 | 155,5 | 143,5 | 127 | 107,5 | |
| MXV 30/9-2a FT | 22 | 30 | | 212,5 | 192,5 | 188 | 182 | 176,5 | 166 | 151,5 | 133 | 111 | |
| MXV 30/9 FT | 22 | 30 | | 224 | 201 | 196,5 | 190,5 | 185 | 174,5 | 161 | 142,5 | 120,5 | |
| MXV 30/10-2a FT | 22 | 30 | | 237 | 214 | 209,5 | 202,5 | 196,5 | 184,5 | 169 | 148 | 123,5 | |
| MXV 30/10 FT | 30 | 40 | | 249 | 222,5 | 217,5 | 211 | 205 | 193 | 178 | 157,5 | 133 | |
| MXV 30/11-2a FT | 30 | 40 | | 263 | 238 | 233 | 225,5 | 219 | 206,5 | 189,5 | 166,5 | 139,5 | |
| MXV 30/11 FT | 30 | 40 | | 274,5 | 246,5 | 241,5 | 234 | 227,5 | 215 | 198,5 | 176 | 149 | |
| MXV 30/12-2a FT | 30 | 40 | | 287,5 | 260 | 254,5 | 246,5 | 239,5 | 225,5 | 207 | 182 | 152,5 | |
| MXV 30/12 FT | 30 | 40 | | 299,5 | 268,5 | 263 | 255 | 248 | 234 | 216 | 191,5 | 162 | |
| MXV 30/13-2a FT | 30 | 40 | | 312,5 | 282 | 276 | 267,5 | 259,5 | 244,5 | 224 | 197,5 | 165,5 | |
| MXV 30/13 FT | 30 | 40 | | 324 | 290,5 | 284,5 | 275,5 | 268 | 253 | 233,5 | 206,5 | 174,5 | |

~ Trifase 400/700 V

| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/v ¹] | Portata - Capacity | | | | | | | | | | | | | |
|--|---|------|--|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| | | | | 0 | 15 | 18 | 22 | 25 | 30 | 35 | 40 | 45 | 54 | 60 | 65 | | |
| | | | | 0 | 250 | 300 | 367 | 417 | 500 | 583 | 667 | 750 | 900 | 1000 | 1083 | | |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | | | | | |
| | [kW] | [HP] | | | | | | | | | | | | | | | |
| MXV 45/2 FT | 7,5 | 10 | H [m] | 50,5 | 49 | 48 | 47 | 46,5 | 45 | 43,5 | 42 | 40 | 35 | 31 | 26,5 | | |
| MXV 45/3-2a FT | 11 | 15 | | 65 | 63,5 | 63 | 62,5 | 61,5 | 60 | 58 | 55,5 | 52 | 44 | 37,5 | 31 | | |
| MXV 45/3 FT | 11 | 15 | | 76 | 74 | 73 | 71,5 | 70 | 68 | 66,5 | 64 | 60,5 | 53,5 | 47,5 | 41 | | |
| MXV 45/4-2a FT | 15 | 20 | | 90,5 | 88 | 87,5 | 86 | 85 | 82,5 | 80 | 76,5 | 72 | 62 | 53,5 | 45 | | |
| MXV 45/4 FT | 15 | 20 | | 101,5 | 98,5 | 97 | 95 | 93,5 | 91 | 88,5 | 85,5 | 81 | 71 | 63,5 | 55 | | |
| MXV 45/5-2a FT | 18,5 | 25 | | 116 | 113 | 112 | 110 | 108,5 | 105,5 | 102 | 98 | 92,5 | 79,5 | 69 | 58,5 | | |
| MXV 45/5 FT | 18,5 | 25 | | 127,5 | 123,5 | 121,5 | 119 | 117 | 114 | 110,5 | 106,5 | 101 | 89 | 79 | 68,5 | | |
| MXV 45/6-2a FT | 22 | 30 | | 141 | 137,5 | 136 | 133,5 | 131,5 | 127,5 | 124 | 119 | 112 | 97 | 84,5 | 71,5 | | |
| MXV 45/6 FT | 22 | 30 | | 152,5 | 147,5 | 145,5 | 142,5 | 140 | 136 | 132 | 127,5 | 120,5 | 106 | 94 | 81,5 | | |
| MXV 45/7-2a FT | 30 | 40 | | 167 | 162,5 | 161 | 158 | 155,5 | 151,5 | 147 | 141,5 | 133,5 | 116 | 101,5 | 86,5 | | |
| MXV 45/7 FT | 30 | 40 | | 178,5 | 173 | 170,5 | 167 | 164,5 | 160 | 155,5 | 150 | 142 | 125 | 111,5 | 97 | | |
| MXV 45/8-2a FT | 30 | 40 | | 192,5 | 187 | 185 | 181,5 | 179 | 174 | 168,5 | 162 | 153 | 133 | 117 | 100 | | |
| MXV 45/8 FT | 30 | 40 | | 203,5 | 197,5 | 195 | 191 | 187,5 | 182,5 | 177 | 171 | 161,5 | 142,5 | 127 | 110 | | |
| MXV 45/9-2a FT | 37 | 50 | | 217,5 | 211,5 | 209 | 205 | 202 | 196 | 190,5 | 183 | 173 | 150 | 132 | 113 | | |
| MXV 45/9 FT | 37 | 50 | | 229 | 222 | 219 | 214 | 210,5 | 204,5 | 199 | 191,5 | 181,5 | 159,5 | 142 | 123 | | |
| MXV 45/10-2a FT | 37 | 50 | | 243 | 236 | 233 | 228,5 | 225 | 218,5 | 212 | 204 | 192,5 | 167,5 | 147 | 126 | | |
| MXV 45/10 FT | 37 | 50 | | 254 | 246 | 242,5 | 237,5 | 233,5 | 227 | 220,5 | 212 | 201 | 176,5 | 157 | 136 | | |

~ Trifase 400/700 V

| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/v ¹] | Portata - Capacity | | | | | | | | | | | | | |
|--|---|------|--|--------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|--|--|--|--|
| | | | | 0 | 30 | 36 | 42 | 45 | 54 | 60 | 72 | 78 | 84 | | | | |
| | | | | 0 | 500 | 600 | 700 | 750 | 900 | 1000 | 1200 | 1300 | 1400 | | | | |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | | | | | |
| | [kW] | [HP] | | | | | | | | | | | | | | | |
| MXV 65/2 FT | 11 | 15 | H [m] | 56,5 | 51 | 49,5 | 48,5 | 48 | 46 | 45 | 41 | 38,5 | 34,5 | | | | |
| MXV 65/3-2a FT | 15 | 20 | | 67,5 | 63,5 | 62 | 60,5 | 59,5 | 56,5 | 54 | 46,5 | 42 | 35,5 | | | | |
| MXV 65/3 FT | 18,5 | 25 | | 84,5 | 76 | 74 | 72,5 | 71,5 | 69 | 67 | 61,5 | 57,5 | 51,5 | | | | |
| MXV 65/4-2a FT | 18,5 | 25 | | 95,5 | 88,5 | 86 | 84 | 83 | 79 | 75,5 | 66 | 60,5 | 52 | | | | |
| MXV 65/4 FT | 22 | 30 | | 113,5 | 102,5 | 100 | 97,5 | 96,5 | 92,5 | 90,5 | 83 | 78 | 70 | | | | |
| MXV 65/5-2a FT | 30 | 40 | | 125 | 116 | 113 | 110,5 | 109 | 104,5 | 101 | 90 | 83 | 72,5 | | | | |
| MXV 65/5 FT | 30 | 40 | | 142 | 129 | 125,5 | 122,5 | 121 | 116,5 | 114 | 105 | 98,5 | 88,5 | | | | |
| MXV 65/6-2a FT | 30 | 40 | | 153 | 141,5 | 137,5 | 134,5 | 133 | 127,5 | 123 | 110 | 102 | 89,5 | | | | |
| MXV 65/6 FT | 37 | 50 | | 170 | 154 | 150 | 147 | 145 | 139,5 | 136 | 125 | 117,5 | 105,5 | | | | |
| MXV 65/7-2a FT | 37 | 50 | | 181,5 | 166,5 | 162,5 | 158,5 | 156,5 | 150 | 145 | 130,5 | 120,5 | 106,5 | | | | |

~ Trifase 400/690 V

60 Hz - min⁻¹ ~ 3400

| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/s] | Portata - Capacity | | | | | | | |
|--|---|------|---|--------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | | 0 | 18 | 21 | 24 | 27 | 33 | 42 | 48 |
| | | | | 0 | 300 | 350 | 400 | 450 | 550 | 700 | 800 |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | |
| | [kW] | [HP] | H [m] | 52 | 49 | 48 | 46,5 | 45 | 41,5 | 33,5 | 27 |
| MXV 30/2-2a FT | 5,5 | 7,5 | | 71 | 64 | 62,5 | 61,5 | 60 | 56,5 | 50,5 | 44 |
| MXV 30/2 FT | 11 | 15 | | 88 | 81,5 | 80 | 78 | 75,5 | 70,5 | 59,5 | 50 |
| MXV 30/3-2a FT | 11 | 15 | | 106 | 95 | 93,5 | 91,5 | 89,5 | 84 | 74,5 | 65 |
| MXV 30/3 FT | 15 | 20 | | 123 | 112,5 | 110,5 | 108 | 104,5 | 98 | 83,5 | 71 |
| MXV 30/4-2a FT | 15 | 20 | | 141 | 127 | 124,5 | 122 | 119 | 112,5 | 99,5 | 86,5 |
| MXV 30/4 FT | 18,5 | 25 | | 158 | 144,5 | 142 | 138,5 | 134,5 | 126 | 108,5 | 92,5 |
| MXV 30/5-2a FT | 18,5 | 25 | | 176 | 158 | 155 | 152 | 148 | 139,5 | 123,5 | 107,5 |
| MXV 30/5 FT | 22 | 30 | | 193 | 175,5 | 172 | 168 | 163,5 | 153 | 132 | 113 |
| MXV 30/6-2a FT | 22 | 30 | | 213 | 192,5 | 189 | 185,5 | 181,5 | 171,5 | 152,5 | 133,5 |
| MXV 30/6 FT | 30 | 40 | | 230,5 | 210,5 | 207 | 202,5 | 197,5 | 185,5 | 162 | 140 |
| MXV 30/7-2a FT | 30 | 40 | | 248,5 | 224,5 | 220,5 | 216 | 211 | 199,5 | 177 | 155 |
| MXV 30/7 FT | 30 | 40 | | 265,5 | 242,5 | 238 | 233 | 227 | 213,5 | 186,5 | 161,5 |
| MXV 30/8-2a FT | 30 | 40 | | 284 | 256,5 | 251,5 | 247 | 241,5 | 228 | 202 | 177 |
| MXV 30/8 FT | 37 | 50 | | | | | | | | | |

~ Trifase 220/380 V

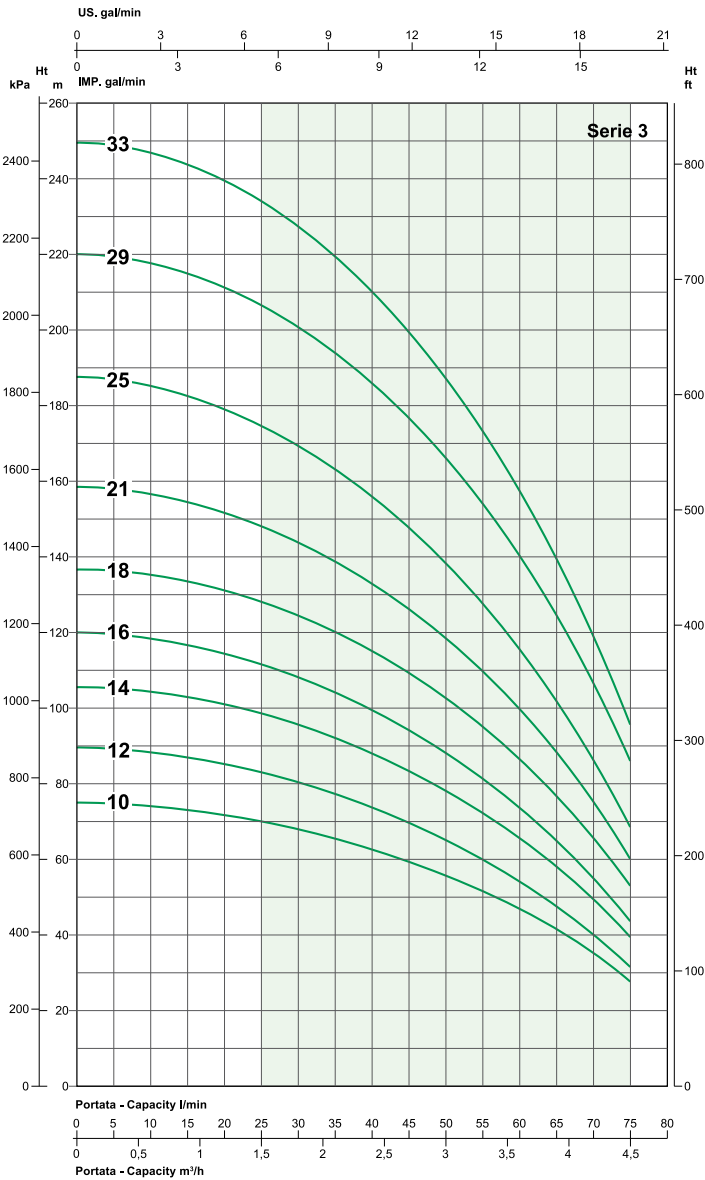
| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/s] | Portata - Capacity | | | | | | | |
|--|---|------|---|--------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | | 0 | 27 | 33 | 42 | 48 | 54 | 60 | 72 |
| | | | | 0 | 450 | 550 | 700 | 800 | 900 | 1000 | 1200 |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | |
| | [kW] | [HP] | H [m] | 35,5 | 33,5 | 32,5 | 31,5 | 30,5 | 29 | 27 | 22,5 |
| MXV 45/1 FT | 7,5 | 10 | | 56 | 54,5 | 53 | 50,5 | 48 | 44,5 | 40,5 | 31 |
| MXV 45/2-2a FT | 11 | 15 | | 70,5 | 67,5 | 65,5 | 63 | 61 | 58 | 54,5 | 45,5 |
| MXV 45/2 FT | 15 | 20 | | 91,5 | 88 | 86 | 82 | 78,5 | 73,5 | 68 | 53,5 |
| MXV 45/3-2a FT | 18,5 | 25 | | 106 | 100,5 | 98 | 94,5 | 91,5 | 86,5 | 81 | 67,5 |
| MXV 45/3 FT | 18,5 | 25 | | 126 | 120,5 | 117,5 | 112,5 | 108 | 101,5 | 94 | 75 |
| MXV 45/4-2a FT | 22 | 30 | | 142,5 | 136 | 133 | 128,5 | 124,5 | 118,5 | 111 | 93,5 |
| MXV 45/4 FT | 30 | 40 | | 163 | 156,5 | 153 | 147 | 141,5 | 133,5 | 124,5 | 101,5 |
| MXV 45/5-2a FT | 30 | 40 | | 178 | 170 | 166 | 160 | 155 | 147,5 | 138,5 | 116,5 |
| MXV 45/5 FT | 37 | 50 | | 198,5 | 190,5 | 186 | 179 | 172,5 | 163 | 151,5 | 124 |
| MXV 45/6-2a FT | 37 | 50 | | 213 | 203,5 | 198,5 | 191,5 | 185,5 | 176,5 | 165,5 | 139 |
| MXV 45/6 FT | 37 | 50 | | | | | | | | | |

~ Trifase 220/380 V

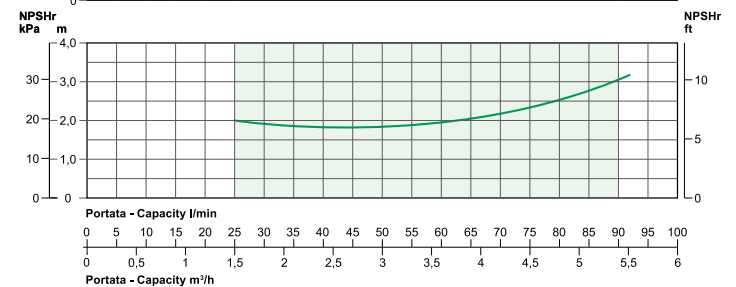
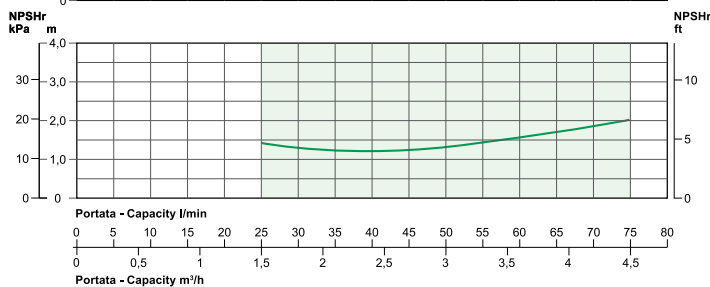
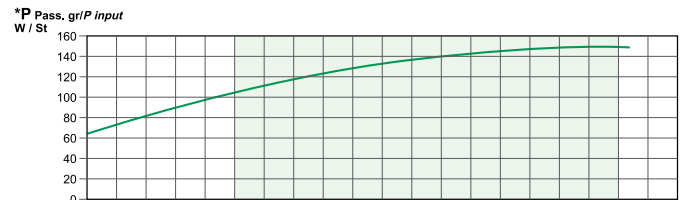
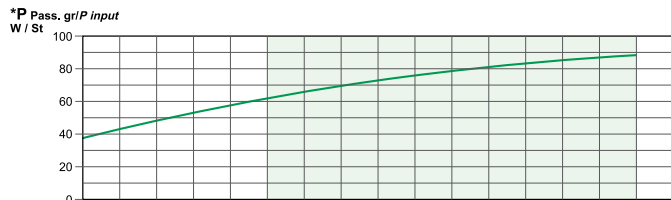
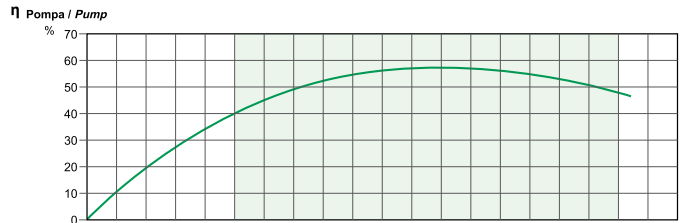
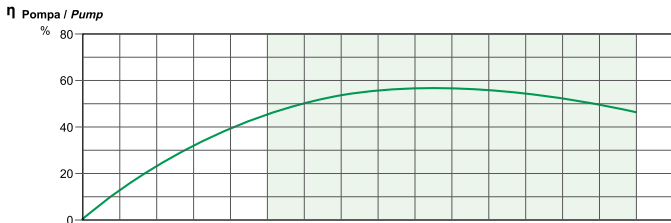
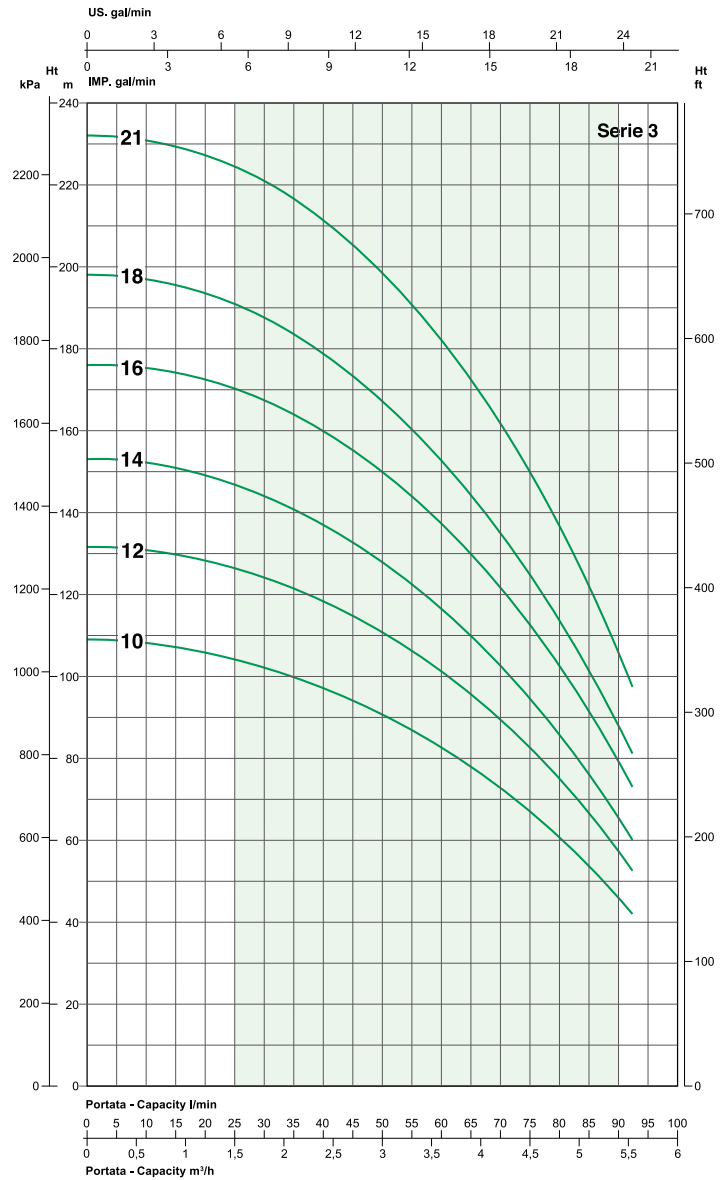
| TIPO TYPE Trifase Three-phase | Potenza nominale Nominal power | | Q [m ³ /h] Q [l/s] | Portata - Capacity | | | | | | | | | |
|--|---|------|---|--------------------|-------|------|-------|-------|-------|-------|-------|------|------|
| | | | | 0 | 36 | 43 | 50 | 54 | 65 | 72 | 86 | 93 | 102 |
| | | | | 0 | 600 | 717 | 833 | 900 | 1083 | 1200 | 1433 | 1550 | 1700 |
| | | | Prevalenza (m C.A.) Total head (m W.C.) | | | | | | | | | | |
| | [kW] | [HP] | H [m] | 41 | 37 | 36 | 35,5 | 35 | 33,5 | 32,5 | 30 | 28,5 | 25,5 |
| MXV 65/1 FT | 11 | 15 | | 57 | 55 | 53,5 | 52,5 | 51,5 | 48,5 | 45,5 | 38 | 33,5 | 26,5 |
| MXV 65/2-2a FT | 15 | 20 | | 69 | 64,5 | 63 | 61,5 | 60,5 | 58 | 55,5 | 49 | 45 | 38,5 |
| MXV 65/2-1a FT | 18,5 | 25 | | 81,5 | 73,5 | 71,5 | 70 | 69 | 66,5 | 64,5 | 59,5 | 56 | 50 |
| MXV 65/2 FT | 22 | 30 | | 97 | 91 | 89 | 87 | 85,5 | 81,5 | 77,5 | 67 | 60,5 | 51 |
| MXV 65/3-2a FT | 22 | 30 | | 111 | 102,5 | 100 | 98 | 96,5 | 92,5 | 89,5 | 80,5 | 75 | 65,5 |
| MXV 65/3-1a FT | 30 | 40 | | 123 | 112 | 109 | 106,5 | 105 | 101,5 | 99 | 91,5 | 86 | 77,5 |
| MXV 65/3 FT | 30 | 40 | | 139,5 | 130 | 127 | 124,5 | 122,5 | 117 | 112,5 | 99,5 | 92 | 79 |
| MXV 65/4-2a FT | 37 | 50 | | 151,5 | 139,5 | 136 | 133 | 131 | 126 | 122 | 110,5 | 103 | 90,5 |
| MXV 65/4-1a FT | 37 | 50 | | | | | | | | | | | |

~ Trifase 220/380 V

$\text{min}^{-1} \sim 2900$

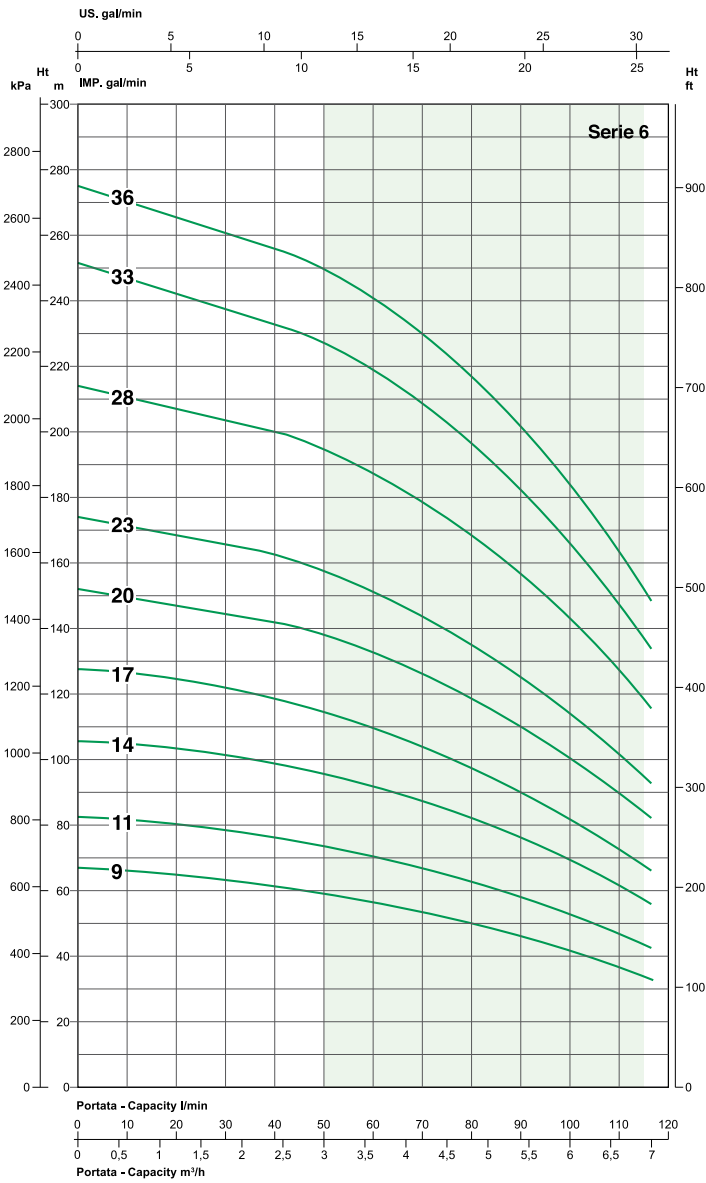


$\text{min}^{-1} \sim 3400$

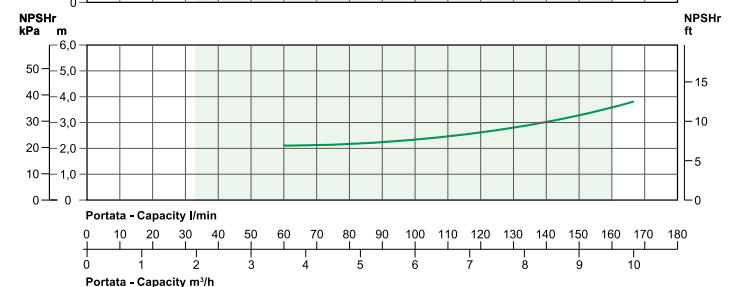
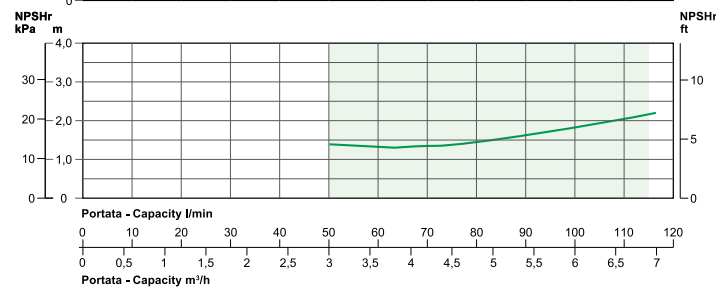
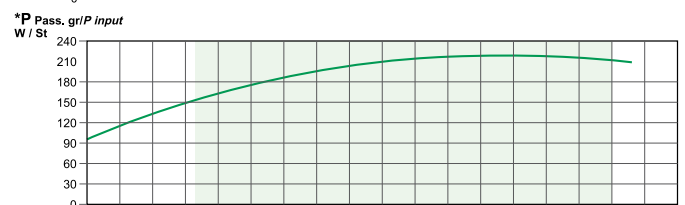
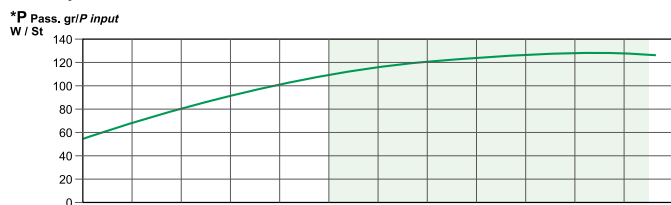
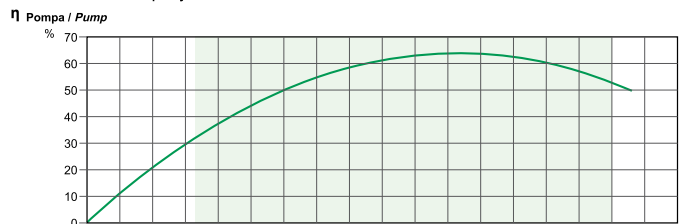
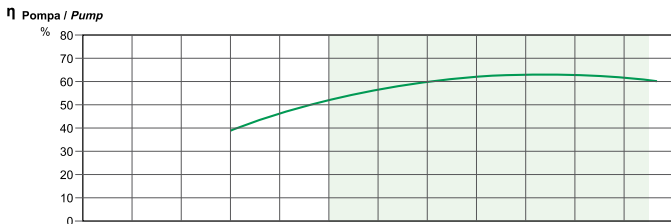
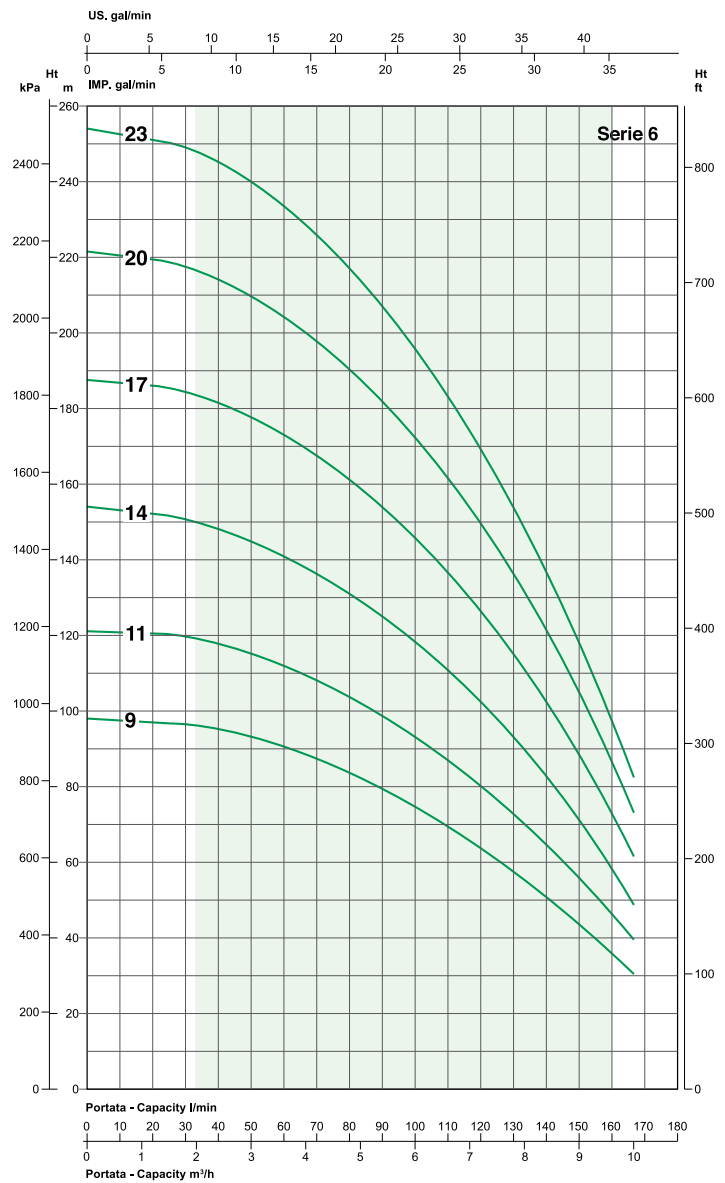


*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. *Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplique los datos por el número indicado en la curva seleccionada.*

min⁻¹ ~ 2900

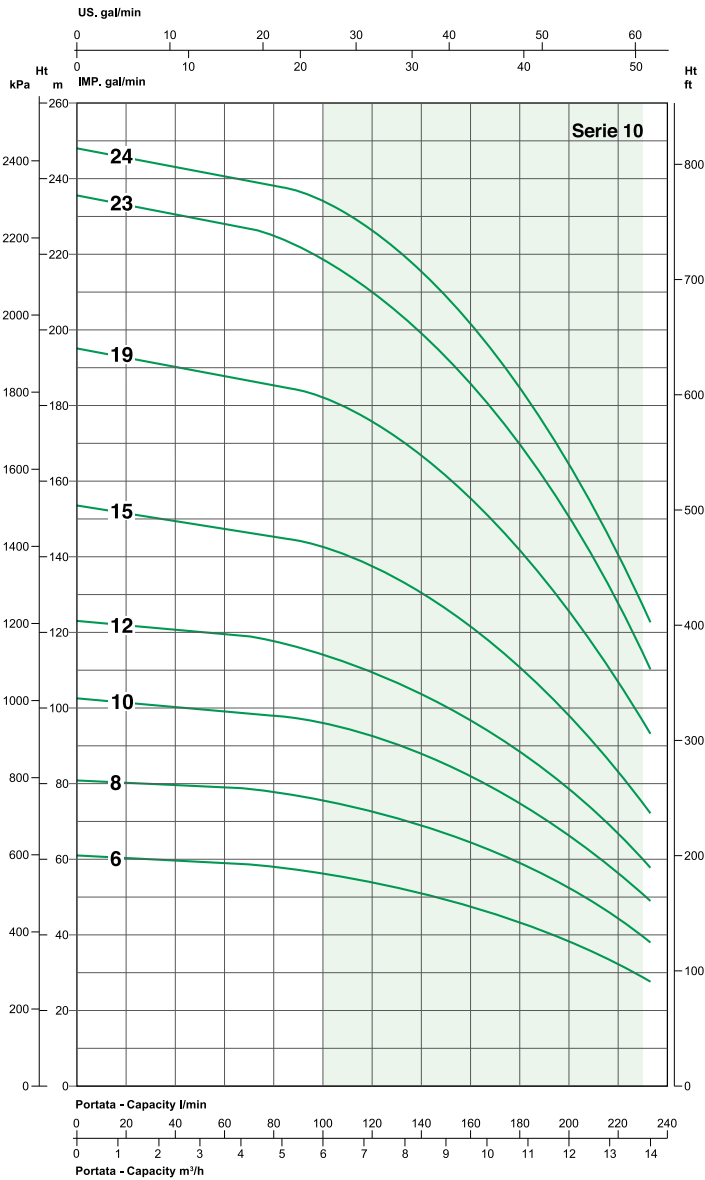


min⁻¹ ~ 3400

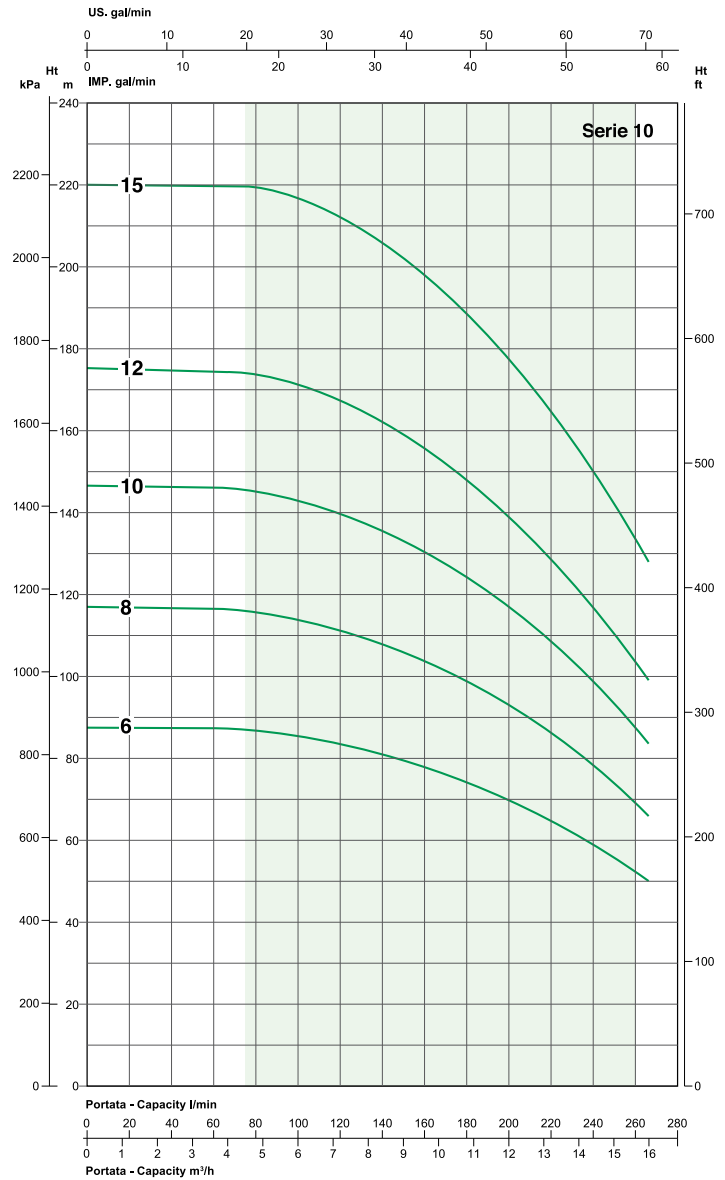


*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplique los datos por el número indicado en la curva seleccionada.

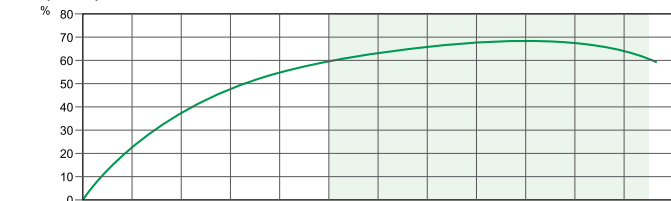
$\text{min}^{-1} \sim 2900$



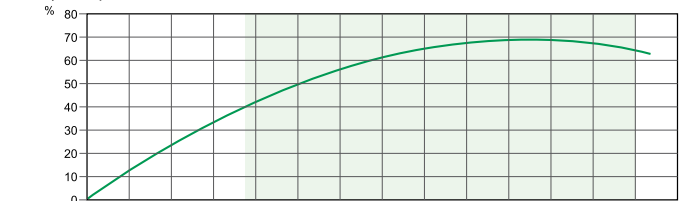
$\text{min}^{-1} \sim 3400$



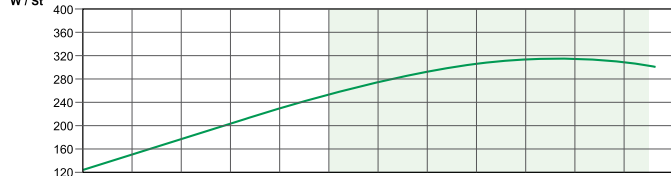
η Pompa / Pump



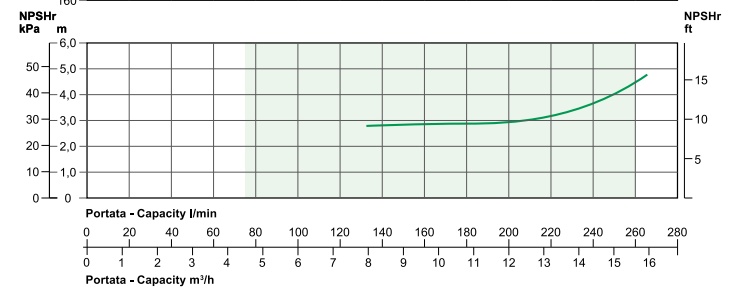
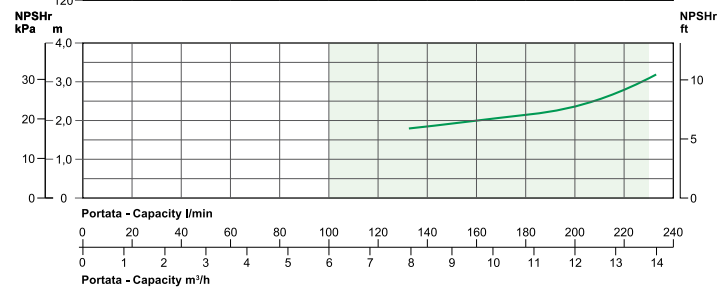
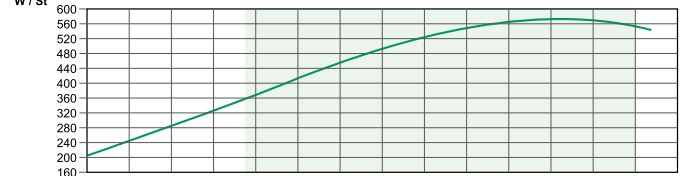
η Pompa / Pump



*P Pass. gr/P input
W / St



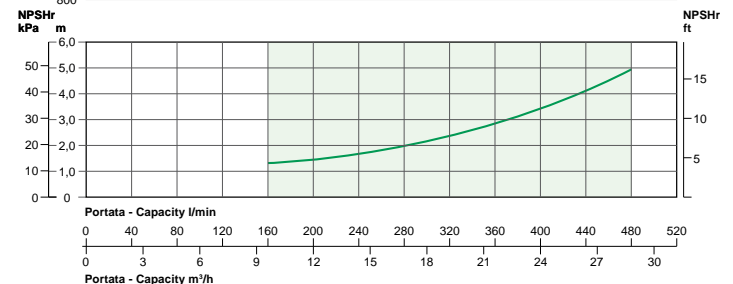
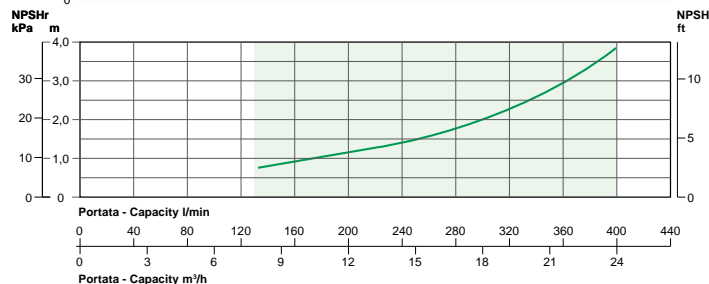
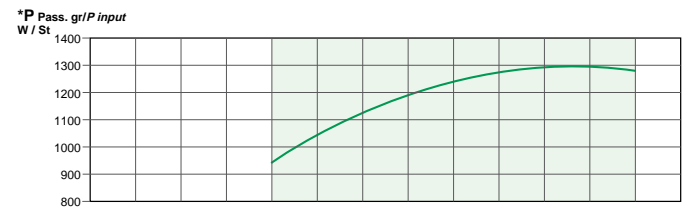
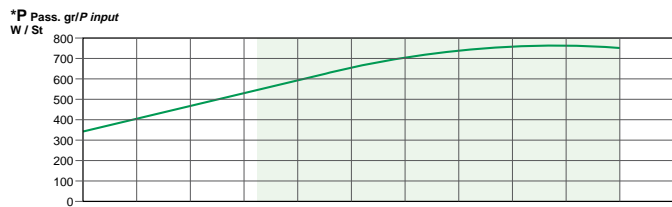
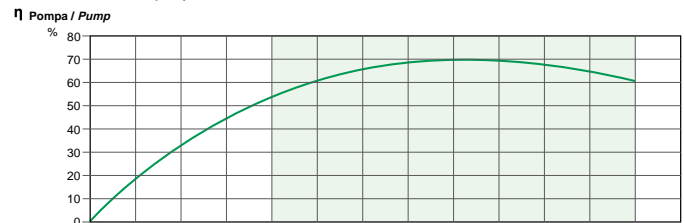
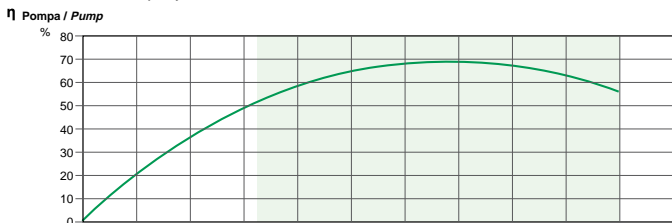
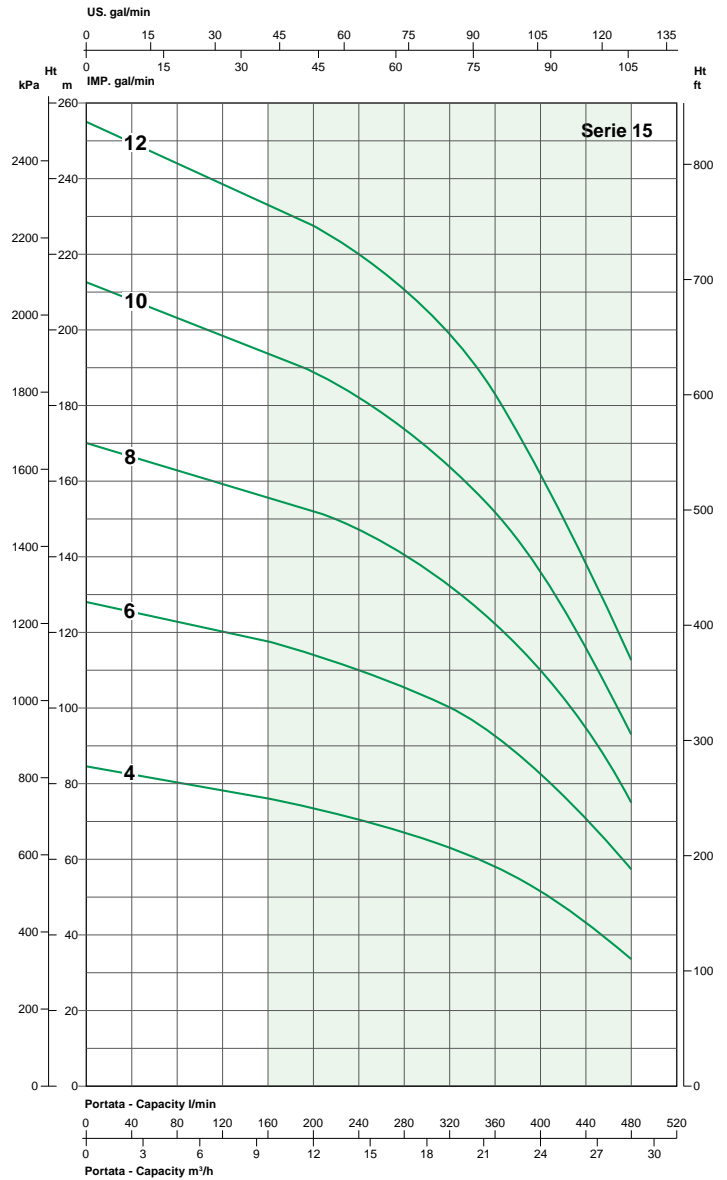
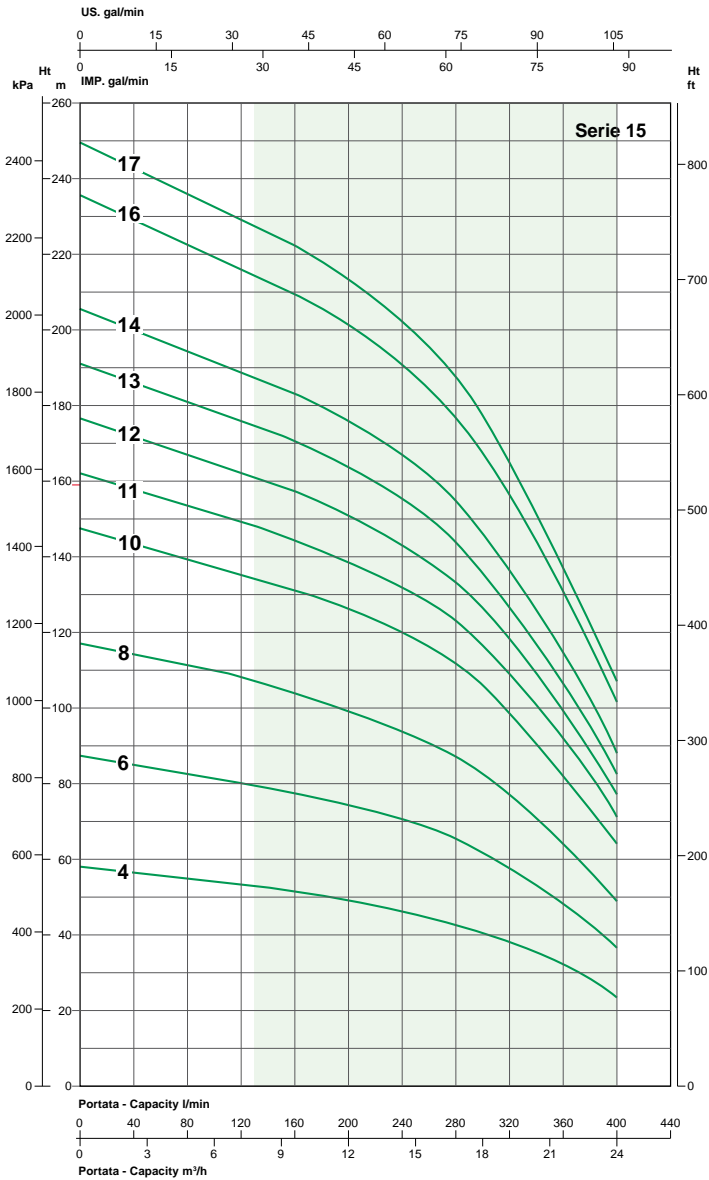
*P Pass. gr/P input
W / St



*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. *Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplica los datos por el número indicado en la curva seleccionada.*

$\text{min}^{-1} \sim 2900$

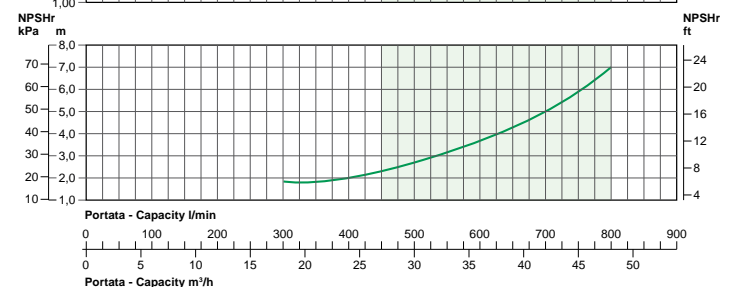
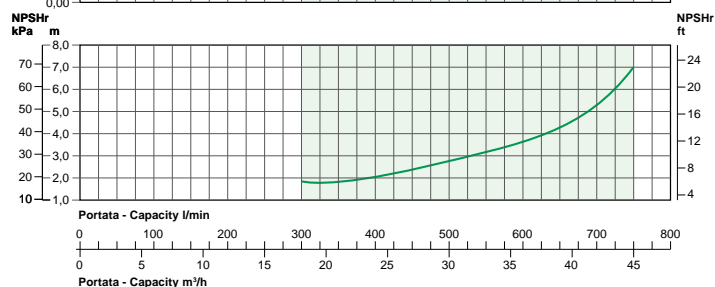
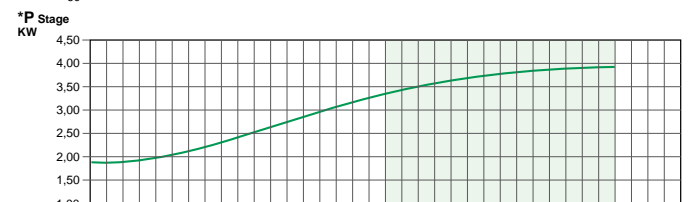
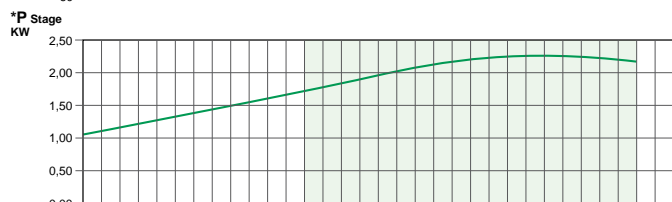
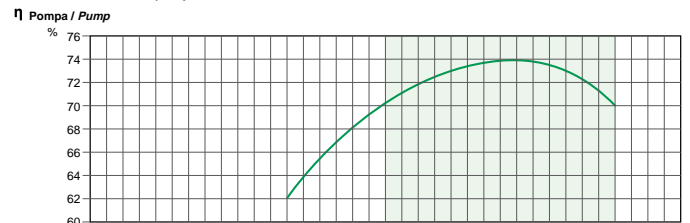
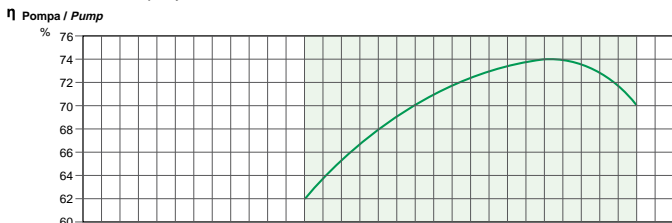
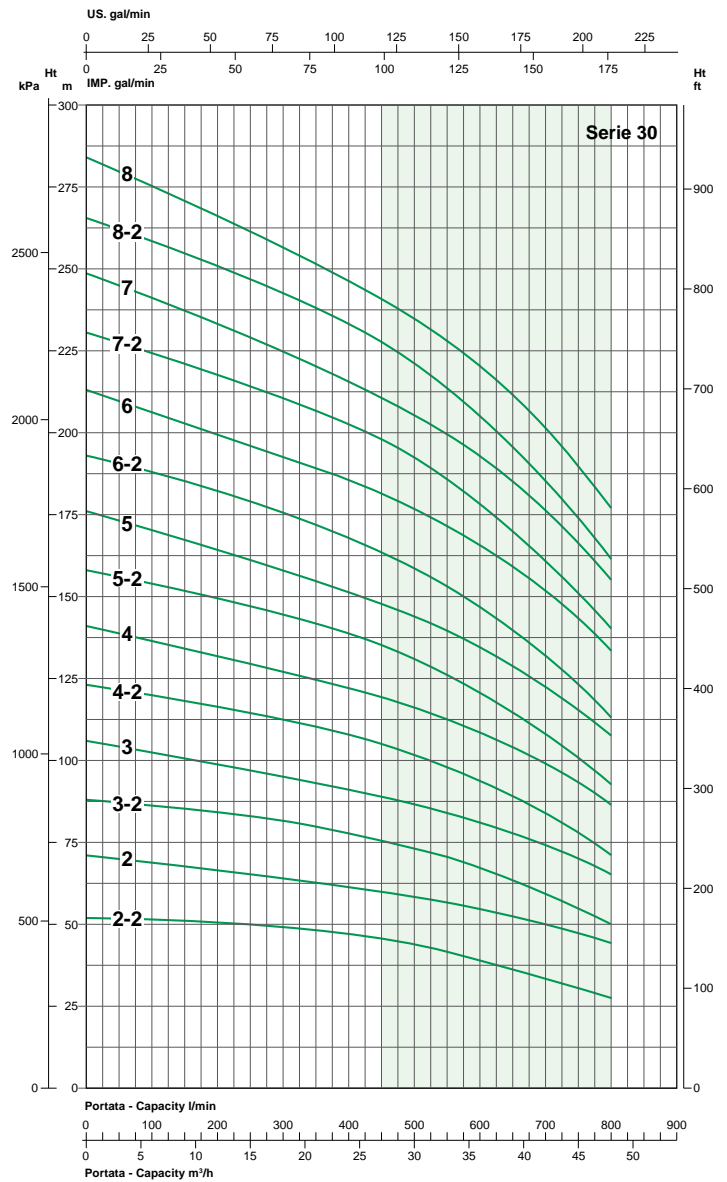
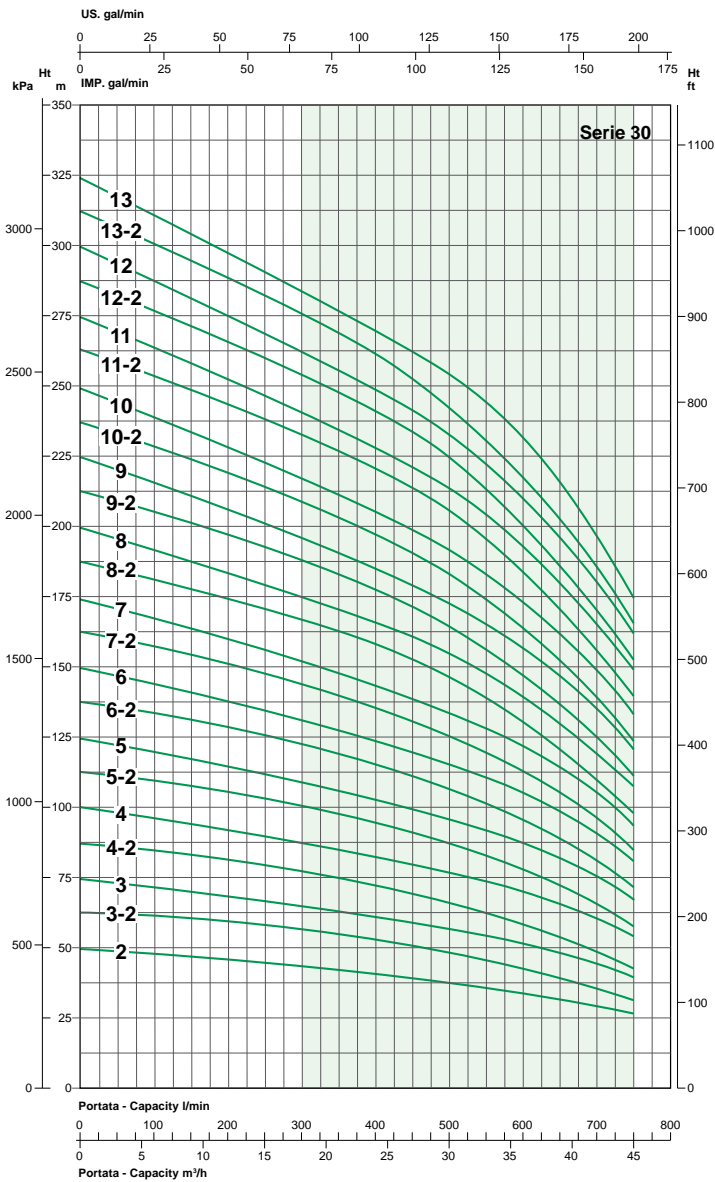
$\text{min}^{-1} \sim 3400$



*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. *Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve.* Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. *Potencia de referencia de una sola etapa. Para potencia total, multiplica los datos por el número indicado en la curva seleccionada.*

⁻¹
min ~ 2900

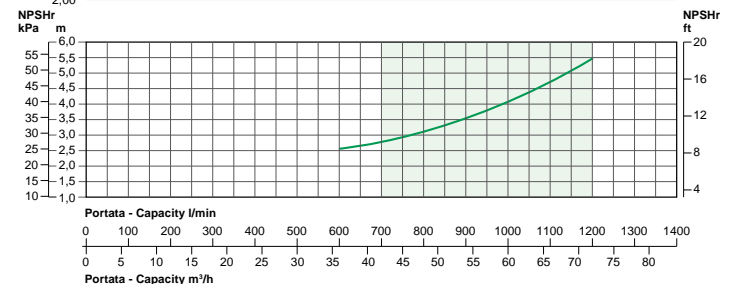
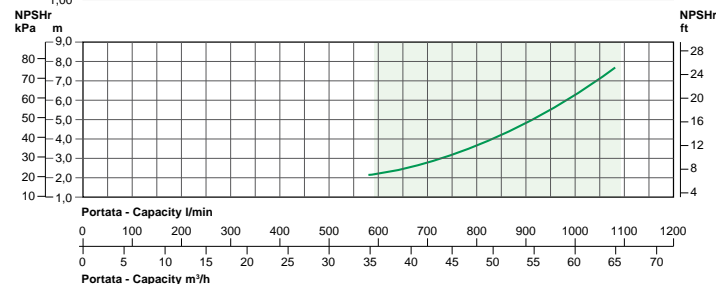
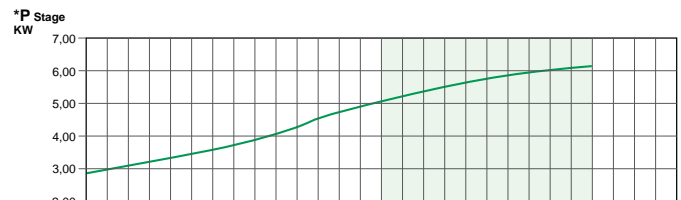
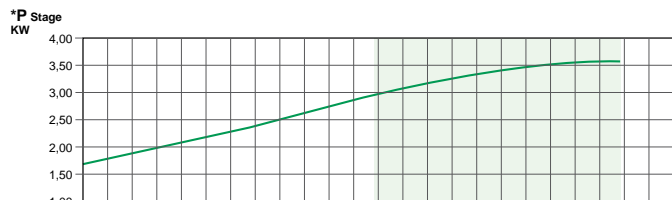
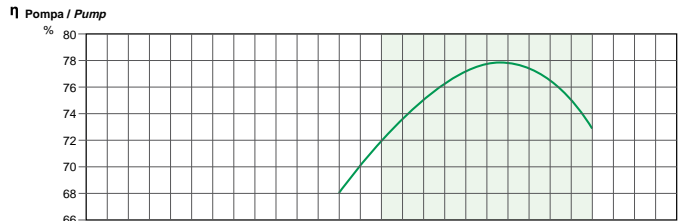
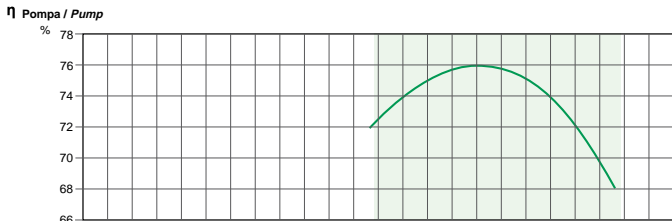
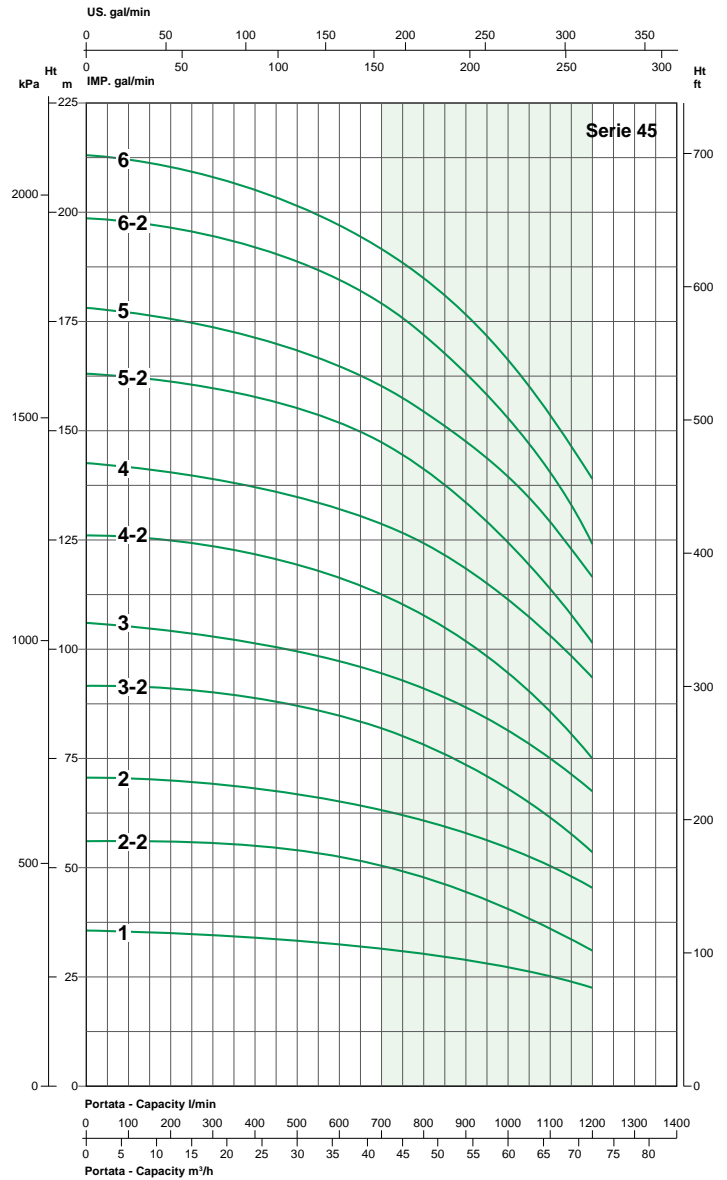
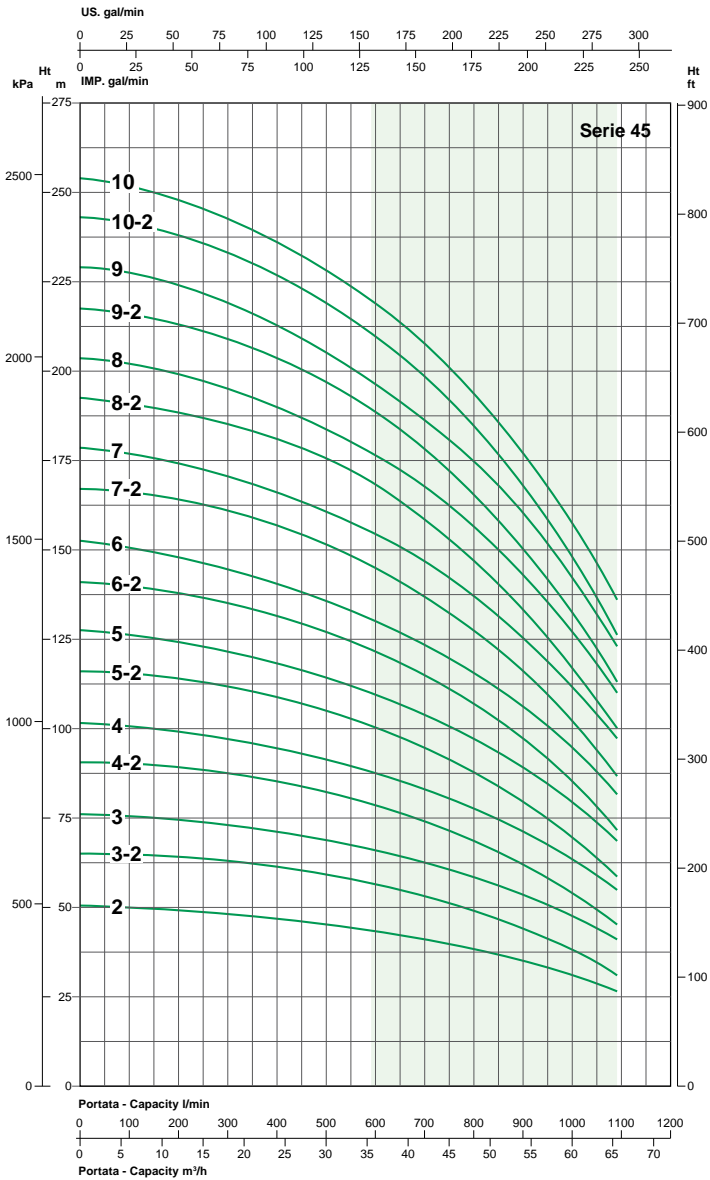
⁻¹
min ~ 3400



*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplique los datos por el número indicado en la curva seleccionada.

min⁻¹ ~ 2900

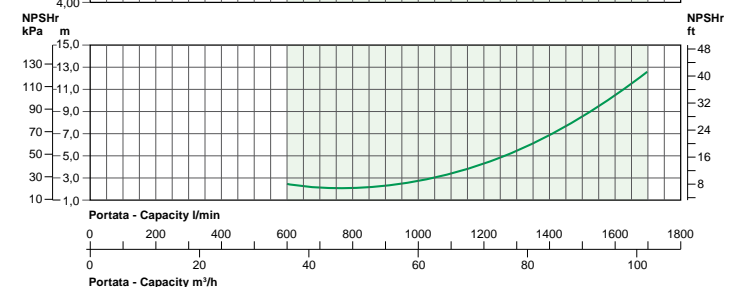
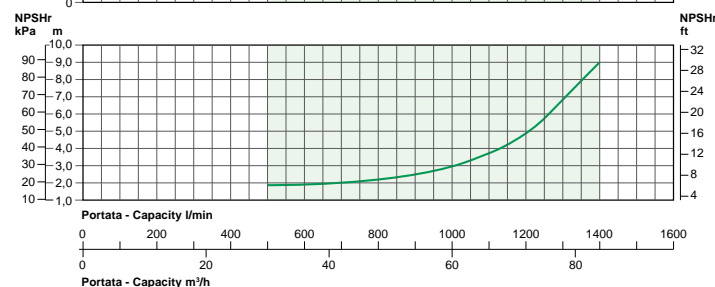
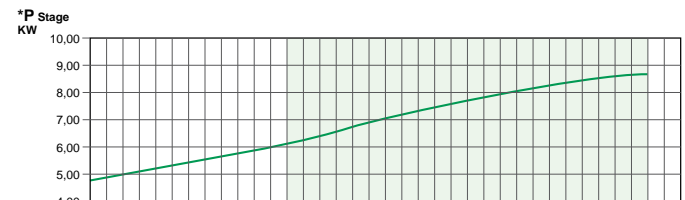
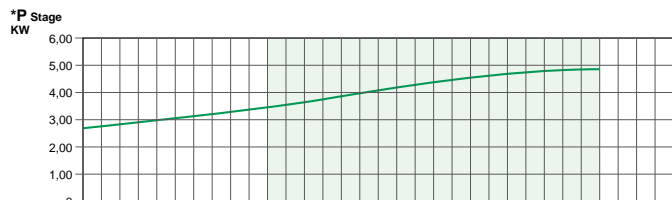
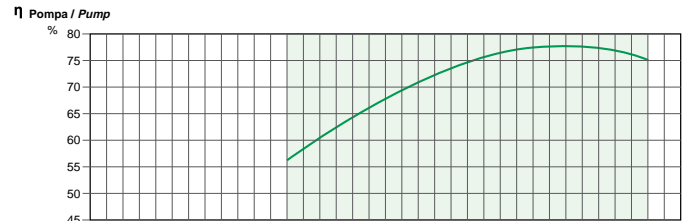
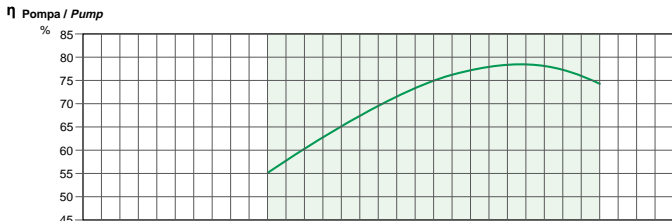
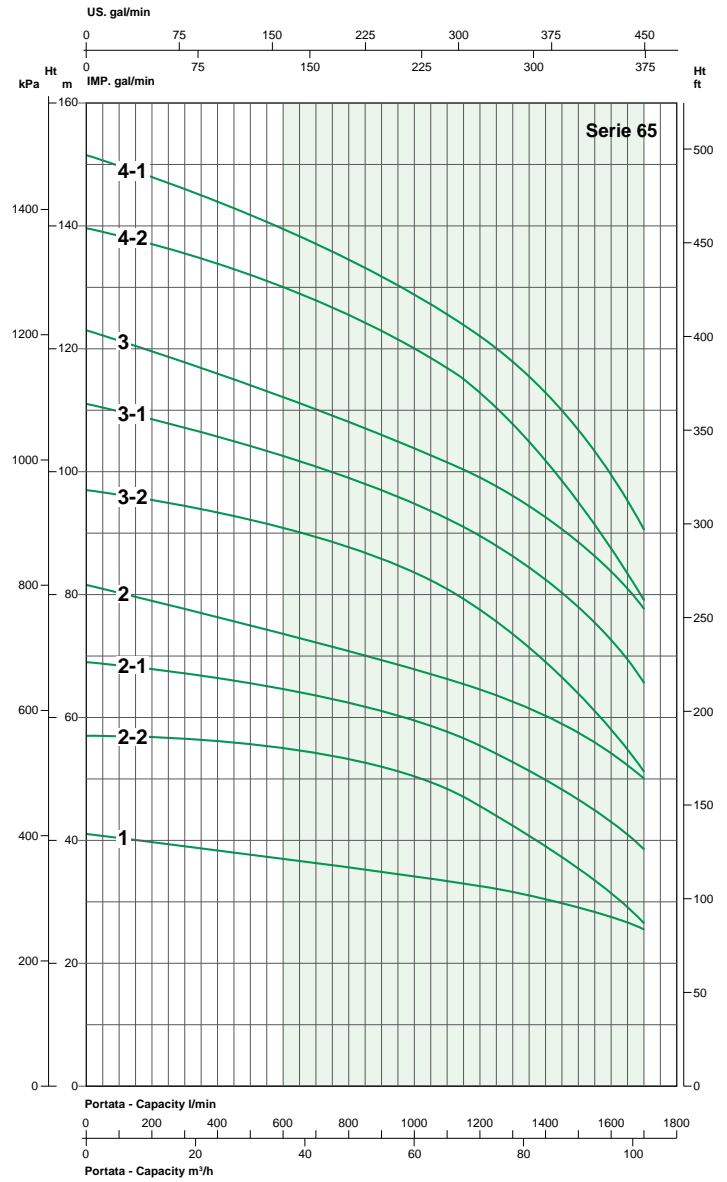
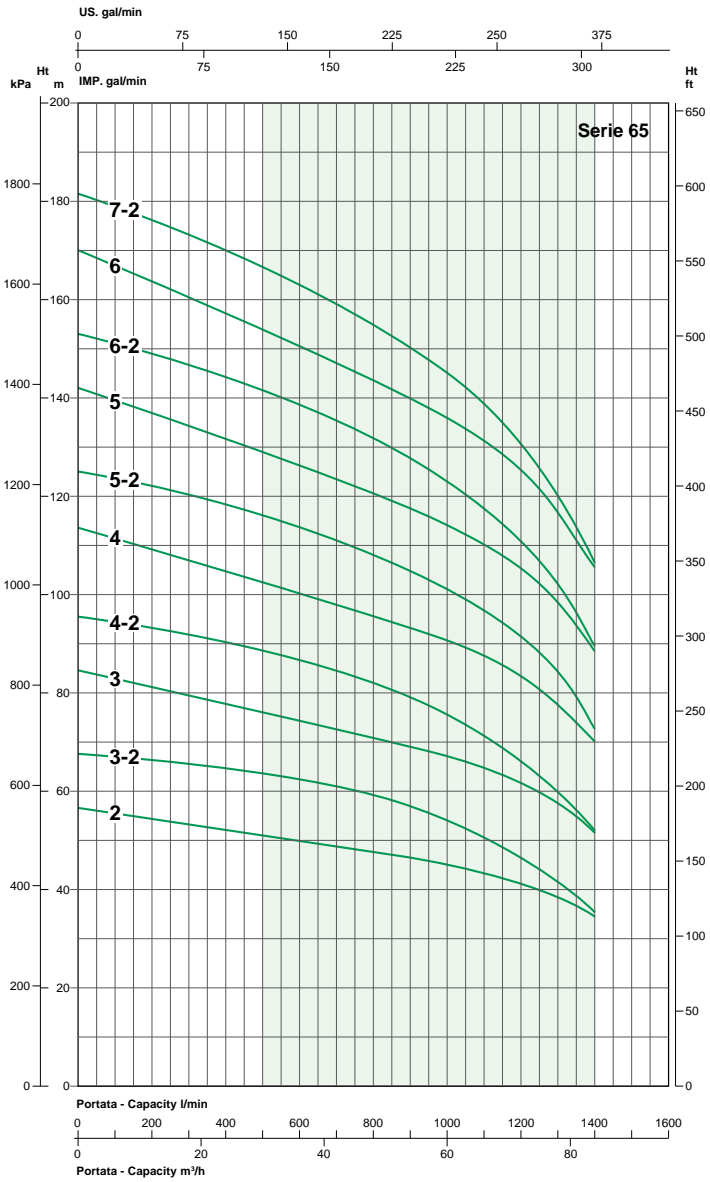
min⁻¹ ~ 3400



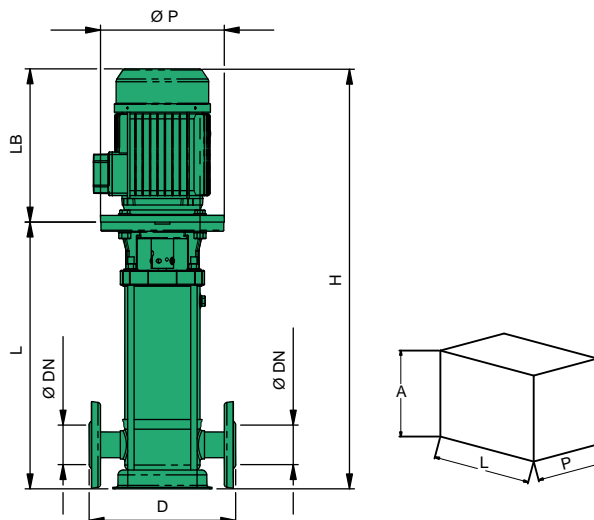
*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplique los datos por el número indicado en la curva seleccionada.

⁻¹
min ~ 2900

⁻¹
min ~ 3400

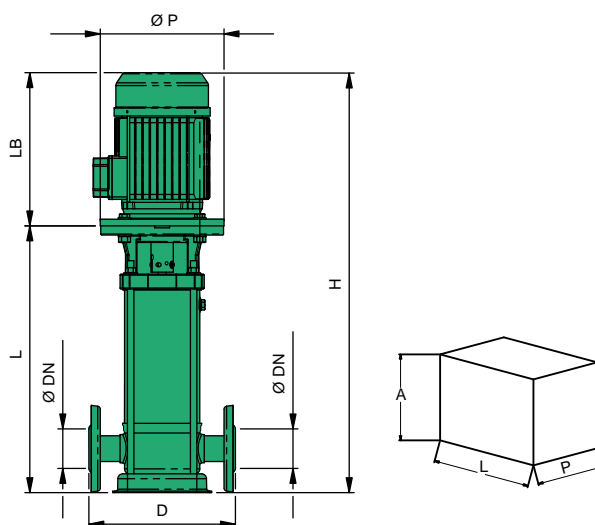


*P x ST = Potenza riferita a singolo stadio. Per potenza complessiva moltiplicare il dato per il numero indicato nella curva scelta. Single-stage reference power. For total power, multiply the data by the number indicated in the selected curve. Puissance pouvoir qui se réfère à une seule étape. Pour la puissance totale, multipliez les données par le nombre indiqué dans la courbe sélectionnée. Potencia de referencia de una sola etapa. Para potencia total, multiplique los datos por el número indicado en la curva seleccionada.



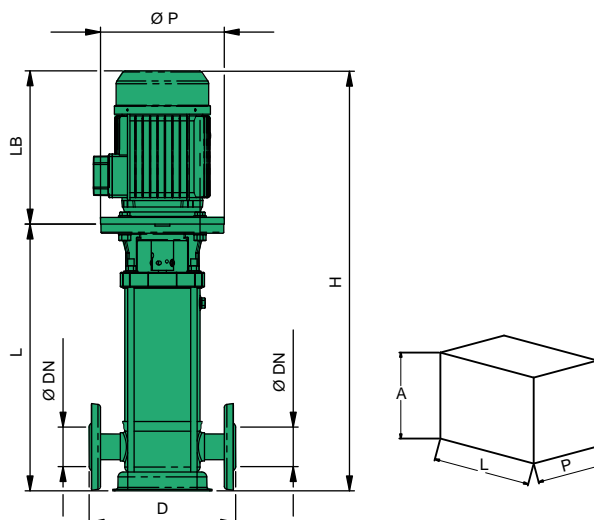
50 Hz min⁻¹ ~ 2900

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP H | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|--------------|--|--------|-----|---------------------------|-----|--------------------|------------------------------|-----|-----|------------------------|
| | D | L | ØDN | LB | ØP | | A | L | P | |
| MXV 3-10 FT | 250 | 492,5 | 25 | 232 | B14 | 724,5 | 804,5 | 310 | 310 | 31,4 |
| MXV 3-12 FT | 250 | 537,5 | 25 | 232 | B14 | 769,5 | 849,5 | 310 | 310 | 30,6 |
| MXV 3-14 FT | 250 | 592,5 | 25 | 267 | B14 | 859,5 | 939,5 | 310 | 310 | 35 |
| MXV 3-16 FT | 250 | 637,5 | 25 | 267 | B14 | 904,5 | 984,5 | 310 | 310 | 36 |
| MXV 3-18 FT | 250 | 682,5 | 25 | 267 | B14 | 949,5 | 1029,5 | 310 | 310 | 39 |
| MXV 3-21 FT | 250 | 750 | 25 | 267 | B14 | 1017 | 1097 | 310 | 310 | 40 |
| MXV 3-25 FT | 250 | 840 | 25 | 267 | B14 | 1107 | 1187 | 310 | 310 | 42 |
| MXV 3-29 FT | 250 | 940 | 25 | 290 | B14 | 1230 | 1310 | 310 | 310 | 46,5 |
| MXV 3-33 FT | 250 | 1030 | 25 | 290 | B14 | 1320 | 1400 | 310 | 310 | 72,6 |
| MXV 6-9 FT | 250 | 501,5 | 32 | 232 | B14 | 733,5 | 813,5 | 310 | 310 | 32,8 |
| MXV 6-11 FT | 250 | 563,5 | 32 | 267 | B14 | 830,5 | 910,5 | 310 | 310 | 34,5 |
| MXV 6-14 FT | 250 | 641,5 | 32 | 267 | B14 | 908,5 | 988,5 | 310 | 310 | 51,6 |
| MXV 6-17 FT | 250 | 719,5 | 32 | 267 | B14 | 986,5 | 1066,5 | 310 | 310 | 39,5 |
| MXV 6-20 FT | 250 | 807,5 | 32 | 290 | B14 | 1097,5 | 1177,5 | 310 | 310 | 43,5 |
| MXV 6-23 FT | 250 | 885,5 | 32 | 290 | B14 | 1175,5 | 1255,5 | 310 | 310 | 45 |
| MXV 6-28 FT | 250 | 1015,5 | 32 | 306 | B14 | 1321,5 | 1401,5 | 310 | 310 | 70,2 |
| MXV 6-33 FT | 250 | 1145,5 | 32 | 306 | B14 | 1451,5 | 1531,5 | 310 | 310 | 59 |
| MXV 6-36 FT | 250 | 1276 | 32 | 328 | B5 | 1604 | 1684 | 310 | 310 | 87,1 |
| MXV 10-6 FT | 280 | 477,5 | 40 | 267 | B14 | 744,5 | 824,5 | 310 | 310 | 45,4 |
| MXV 10-8 FT | 280 | 547,5 | 40 | 290 | B14 | 837,5 | 917,5 | 310 | 310 | 53,2 |
| MXV 10-10 FT | 280 | 607,5 | 40 | 306 | B14 | 913,5 | 993,5 | 310 | 310 | 56,5 |
| MXV 10-12 FT | 280 | 667,5 | 40 | 306 | B14 | 973,5 | 1053,5 | 310 | 310 | 57,4 |
| MXV 10-15 FT | 280 | 933 | 40 | 328 | B5 | 1261 | 1341 | 310 | 310 | 80,1 |
| MXV 10-19 FT | 280 | 1053 | 40 | 350 | B5 | 1403 | 1483 | 310 | 310 | 85 |
| MXV 10-23 FT | 280 | 1173 | 40 | 350 | B5 | 1523 | 1603 | 310 | 310 | 88 |
| MXV 10-24 FT | 280 | 1223 | 40 | 425 | B5 | 1648 | 1728 | 310 | 310 | 114 |
| MXV 15-4 FT | 300 | 521 | 50 | 306 | B14 | 827 | 907 | 310 | 310 | 51,3 |
| MXV 15-6 FT | 300 | 804 | 50 | 328 | B5 | 1132 | 1212 | 310 | 310 | 86 |
| MXV 15-8 FT | 300 | 900 | 50 | 350 | B5 | 1250 | 1330 | 310 | 310 | 90,5 |
| MXV 15-10 FT | 300 | 1016 | 50 | 425 | B5 | 1441 | 1521 | 310 | 310 | 118 |
| MXV 15-11 FT | 300 | 1064 | 50 | 425 | B5 | 1489 | 1569 | 310 | 310 | 119,5 |
| MXV 15-12 FT | 300 | 1112 | 50 | 425 | B5 | 1537 | 1617 | 310 | 310 | 155,2 |
| MXV 15-13 FT | 300 | 1160 | 50 | 425 | B5 | 1585 | 1665 | 310 | 310 | 122,5 |
| MXV 15-14 FT | 300 | 1208 | 50 | 425 | B5 | 1633 | 1713 | 310 | 310 | 124 |
| MXV 15-16 FT | 300 | 1304 | 50 | 476 | B5 | 1780 | 1860 | 310 | 310 | 132,5 |
| MXV 15-17 FT | 300 | 1352 | 50 | 476 | B5 | 1828 | 1908 | 310 | 310 | 134 |



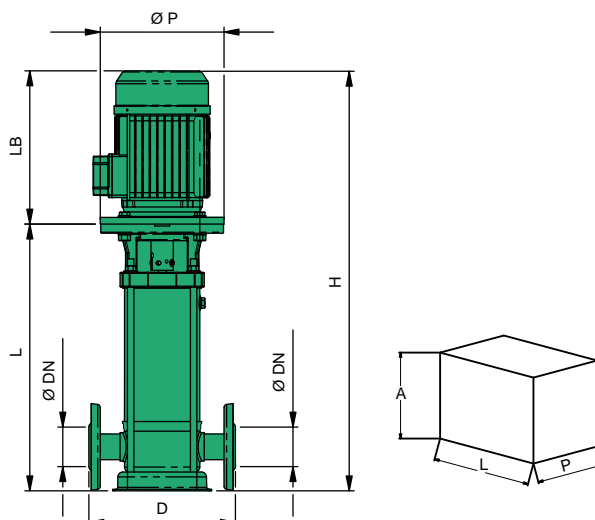
60 Hz min⁻¹ ~ 3400

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP H | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|--------------|--|--------|-----|---------------------------|-----|--------------------|------------------------------|-----|-----|------------------------|
| | D | L | ØDN | LB | ØP | | A | L | P | |
| MVX 3-10 FT | 250 | 502,5 | 25 | 267 | B14 | 769,5 | 849,5 | 310 | 310 | 33 |
| MVX 3-12 FT | 250 | 547,5 | 25 | 267 | B14 | 814,5 | 894,5 | 310 | 310 | 36 |
| MVX 3-14 FT | 250 | 592,5 | 25 | 267 | B14 | 859,5 | 939,5 | 310 | 310 | 37 |
| MVX 3-16 FT | 250 | 647,5 | 25 | 306 | B14 | 953,5 | 1033,5 | 310 | 310 | 45,3 |
| MVX 3-18 FT | 250 | 692,5 | 25 | 306 | B14 | 998,5 | 1078,5 | 310 | 310 | 46,3 |
| MVX 3-21 FT | 250 | 760 | 25 | 306 | B14 | 1066 | 1146 | 310 | 310 | 51,5 |
| MVX 6-9 FT | 250 | 511,5 | 32 | 267 | B14 | 778,5 | 858,5 | 310 | 310 | 35,5 |
| MVX 6-11 FT | 250 | 573,5 | 32 | 306 | B14 | 879,5 | 959,5 | 310 | 310 | 43,8 |
| MVX 6-14 FT | 250 | 651,5 | 32 | 306 | B14 | 957,5 | 1037,5 | 310 | 310 | 45,3 |
| MVX 6-17 FT | 250 | 729,5 | 32 | 306 | B14 | 1035,5 | 1115,5 | 310 | 310 | 50,5 |
| MVX 6-20 FT | 250 | 983 | 32 | 328 | B5 | 1311 | 1391 | 310 | 310 | 78,6 |
| MVX 6-23 FT | 250 | 1061 | 32 | 328 | B5 | 1389 | 1469 | 310 | 310 | 80,1 |
| MVX 10-6 FT | 280 | 487,5 | 40 | 306 | B14 | 793,5 | 873,5 | 310 | 310 | 47,5 |
| MVX 10-8 FT | 280 | 723 | 40 | 328 | B5 | 1051 | 1131 | 310 | 310 | 75,6 |
| MVX 10-10 FT | 280 | 783 | 40 | 328 | B5 | 1111 | 1191 | 310 | 310 | 77,1 |
| MVX 10-12 FT | 280 | 843 | 40 | 350 | B5 | 1193 | 1273 | 310 | 310 | 80,5 |
| MVX 10-15 FT | 280 | 953 | 40 | 425 | B5 | 1378 | 1458 | 310 | 310 | 111 |
| MVX 15-4 FT | 300 | 707,9 | 50 | 328 | B5 | 1035,9 | 1115,9 | 310 | 310 | 83 |
| MVX 15-6 FT | 300 | 823,9 | 50 | 425 | B5 | 1248,9 | 1328,9 | 310 | 310 | 112,5 |
| MVX 15-8 FT | 300 | 919,9 | 50 | 425 | B5 | 1344,9 | 1424,9 | 310 | 310 | 115,5 |
| MVX 15-10 FT | 300 | 1015,9 | 50 | 476 | B5 | 1491,9 | 1571,9 | 310 | 310 | 124,5 |
| MVX 15-12 FT | 300 | 1111,9 | 50 | 542 | B5 | 1653,9 | 1733,9 | 310 | 310 | 161 |



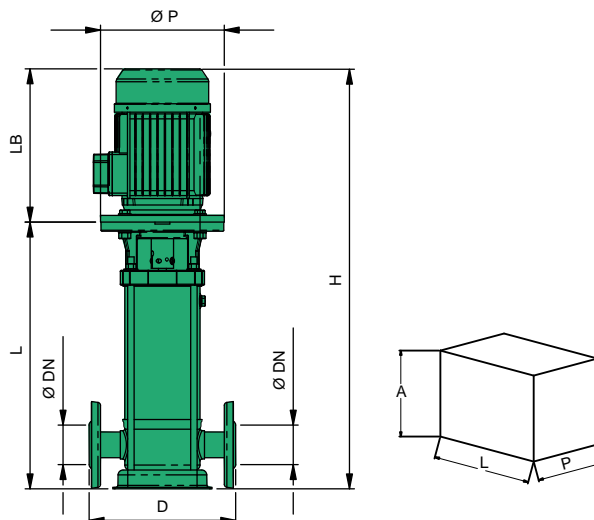
50 Hz min⁻¹ ~ 2900

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|-----------------|--|------|-----|---------------------------|----|---------------|------------------------------|-----|------|------------------------|
| | D | L | ØDN | LB | ØP | | H | A | L | |
| MVX 30/2 FT | 320 | 724 | 65 | 328 | B5 | 1052 | 600 | 600 | 1110 | 128,5 |
| MVX 30/3-2a FT | 320 | 806 | 65 | 328 | B5 | 1134 | 600 | 600 | 1180 | 112,5 |
| MVX 30/3 FT | 320 | 806 | 65 | 350 | B5 | 1156 | 600 | 600 | 1200 | 114,5 |
| MVX 30/4-2a FT | 320 | 888 | 65 | 350 | B5 | 1238 | 600 | 600 | 1290 | 121,5 |
| MVX 30/4 FT | 320 | 908 | 65 | 425 | B5 | 1333 | 600 | 600 | 1400 | 143,5 |
| MVX 30/5-2a FT | 320 | 990 | 65 | 425 | B5 | 1415 | 600 | 600 | 1470 | 147,5 |
| MVX 30/5 FT | 320 | 990 | 65 | 476 | B5 | 1466 | 600 | 600 | 1520 | 153,5 |
| MVX 30/6-2a FT | 320 | 1072 | 65 | 476 | B5 | 1548 | 600 | 600 | 1600 | 157,5 |
| MVX 30/6 FT | 320 | 1072 | 65 | 476 | B5 | 1548 | 600 | 600 | 1600 | 157,5 |
| MVX 30/7-2a FT | 320 | 1154 | 65 | 476 | B5 | 1630 | 600 | 600 | 1680 | 161,5 |
| MVX 30/7 FT | 320 | 1154 | 65 | 542 | B5 | 1696 | 600 | 600 | 1750 | 186,5 |
| MVX 30/8-2a FT | 320 | 1236 | 65 | 542 | B5 | 1778 | 600 | 600 | 1830 | 190,5 |
| MVX 30/8 FT | 320 | 1236 | 65 | 542 | B5 | 1778 | 600 | 600 | 1830 | 190,5 |
| MVX 30/9-2a FT | 320 | 1318 | 65 | 542 | B5 | 1860 | 600 | 600 | 1910 | 214 |
| MVX 30/9 FT | 320 | 1318 | 65 | 542 | B5 | 1860 | 600 | 600 | 1910 | 214 |
| MVX 30/10-2a FT | 320 | 1400 | 65 | 542 | B5 | 1942 | 600 | 600 | 2000 | 221 |
| MVX 30/10 FT | 320 | 1400 | 65 | 658 | B5 | 2058 | 600 | 600 | 2110 | 340,5 |
| MVX 30/11-2a FT | 320 | 1487 | 65 | 658 | B5 | 2145 | 600 | 600 | 2200 | 344,5 |
| MVX 30/11 FT | 320 | 1487 | 65 | 658 | B5 | 2145 | 600 | 600 | 2200 | 344,5 |
| MVX 30/12-2a FT | 320 | 1569 | 65 | 658 | B5 | 2227 | 600 | 600 | 2280 | 348,5 |
| MVX 30/12 FT | 320 | 1569 | 65 | 658 | B5 | 2227 | 600 | 600 | 2280 | 348,5 |
| MVX 30/13-2a FT | 320 | 1651 | 65 | 658 | B5 | 2309 | 600 | 600 | 2460 | 352,5 |
| MVX 30/13 FT | 320 | 1651 | 65 | 658 | B5 | 2309 | 600 | 600 | 2460 | 353 |
| MVX 45/2 FT | 365 | 760 | 80 | 350 | B5 | 1110 | 600 | 600 | 1210 | 116,5 |
| MVX 45/3-2a FT | 365 | 860 | 80 | 430 | B5 | 1290 | 600 | 600 | 1390 | 145,5 |
| MVX 45/3 FT | 365 | 860 | 80 | 430 | B5 | 1290 | 600 | 600 | 1390 | 145,5 |
| MVX 45/4-2a FT | 365 | 940 | 80 | 480 | B5 | 1420 | 600 | 600 | 1520 | 155,5 |
| MVX 45/4 FT | 365 | 940 | 80 | 480 | B5 | 1420 | 600 | 600 | 1520 | 155,5 |
| MVX 45/5-2a FT | 365 | 1030 | 80 | 540 | B5 | 1570 | 600 | 600 | 1670 | 184,5 |
| MVX 45/5 FT | 365 | 1030 | 80 | 540 | B5 | 1570 | 600 | 600 | 1670 | 184,5 |
| MVX 45/6-2a FT | 365 | 1110 | 80 | 540 | B5 | 1650 | 600 | 600 | 1750 | 208 |
| MVX 45/6 FT | 365 | 1110 | 80 | 540 | B5 | 1650 | 600 | 600 | 1750 | 208 |
| MVX 45/7-2a FT | 365 | 1200 | 80 | 660 | B5 | 1860 | 600 | 600 | 1960 | 334 |
| MVX 45/7 FT | 365 | 1200 | 80 | 660 | B5 | 1860 | 600 | 600 | 1960 | 334 |
| MVX 45/8-2a FT | 365 | 1280 | 80 | 660 | B5 | 1940 | 600 | 600 | 2040 | 338 |
| MVX 45/8 FT | 365 | 1280 | 80 | 660 | B5 | 1940 | 600 | 600 | 2040 | 338 |
| MVX 45/9-2a FT | 365 | 1360 | 80 | 660 | B5 | 2020 | 600 | 600 | 2120 | 356 |
| MVX 45/9 FT | 365 | 1360 | 80 | 660 | B5 | 2020 | 600 | 600 | 2120 | 356 |
| MVX 45/10-2a FT | 365 | 1440 | 80 | 660 | B5 | 2100 | 600 | 600 | 2200 | 360 |
| MVX 45/10 FT | 365 | 1440 | 80 | 660 | B5 | 2100 | 600 | 600 | 2200 | 360 |



60 Hz min⁻¹ ~ 3400

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|----------------|--|------|-----|---------------------------|----|---------------|------------------------------|-----|------|------------------------|
| | D | L | ØDN | LB | ØP | | H | A | L | |
| MVX 30/2-2a FT | 320 | 724 | 65 | 328 | B5 | 1052 | 400 | 400 | 1082 | 108,5 |
| MVX 30/2 FT | 320 | 744 | 65 | 425 | B5 | 1169 | 400 | 400 | 1199 | 135,5 |
| MVX 30/3-2a FT | 320 | 826 | 65 | 425 | B5 | 1251 | 400 | 400 | 1281 | 139,5 |
| MVX 30/3 FT | 320 | 826 | 65 | 476 | B5 | 1302 | 400 | 400 | 1332 | 145,5 |
| MVX 30/4-2a FT | 320 | 908 | 65 | 476 | B5 | 1384 | 400 | 400 | 1414 | 149,5 |
| MVX 30/4 FT | 320 | 908 | 65 | 542 | B5 | 1450 | 400 | 400 | 1480 | 183,5 |
| MVX 30/5-2a FT | 320 | 990 | 65 | 542 | B5 | 1532 | 400 | 400 | 1562 | 187,5 |
| MVX 30/5 FT | 320 | 990 | 65 | 542 | B5 | 1532 | 400 | 400 | 1562 | 198,5 |
| MVX 30/6-2a FT | 320 | 1072 | 65 | 542 | B5 | 1614 | 400 | 400 | 1644 | 202,5 |
| MVX 30/6 FT | 320 | 1077 | 65 | 658 | B5 | 1735 | 400 | 400 | 1765 | 324,5 |
| MVX 30/7-2a FT | 320 | 1159 | 65 | 658 | B5 | 1817 | 400 | 400 | 1847 | 328,5 |
| MVX 30/7 FT | 320 | 1159 | 65 | 658 | B5 | 1817 | 400 | 400 | 1847 | 328,5 |
| MVX 30/8-2a FT | 320 | 1241 | 65 | 658 | B5 | 1899 | 400 | 400 | 1929 | 328,5 |
| MVX 30/8 FT | 320 | 1241 | 65 | 658 | B5 | 1899 | 400 | 400 | 1929 | 328,5 |
| MVX 45/1 FT | 365 | 680 | 80 | 350 | B5 | 1030 | 600 | 600 | 1130 | 112,5 |
| MVX 45/2-2a FT | 365 | 780 | 80 | 425 | B5 | 1205 | 600 | 600 | 1305 | 141,5 |
| MVX 45/2 FT | 365 | 780 | 80 | 475 | B5 | 1255 | 600 | 600 | 1355 | 147,5 |
| MVX 45/3-2a FT | 365 | 860 | 80 | 540 | B5 | 1400 | 600 | 600 | 1500 | 185,5 |
| MVX 45/3 FT | 365 | 860 | 80 | 540 | B5 | 1400 | 600 | 600 | 1500 | 185,5 |
| MVX 45/4-2a FT | 365 | 945 | 80 | 540 | B5 | 1485 | 600 | 600 | 1585 | 200 |
| MVX 45/4 FT | 365 | 950 | 80 | 660 | B5 | 1610 | 600 | 600 | 1710 | 322 |
| MVX 45/5-2a FT | 365 | 1030 | 80 | 660 | B5 | 1690 | 600 | 600 | 1790 | 326 |
| MVX 45/5 FT | 365 | 1030 | 80 | 660 | B5 | 1690 | 600 | 600 | 1790 | 340 |
| MVX 45/6-2a FT | 365 | 1115 | 80 | 660 | B5 | 1775 | 600 | 600 | 1875 | 344 |
| MVX 45/6 FT | 365 | 1115 | 80 | 660 | B5 | 1775 | 600 | 600 | 1875 | 344 |



50 Hz min⁻¹ ~ 2900

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|----------------|--|------|-----|---------------------------|----|---------------|------------------------------|-----|------|------------------------|
| | D | L | ØDN | LB | ØP | | H | A | L | |
| MVX 65/2 FT | 365 | 849 | 100 | 425 | B5 | 1274 | 600 | 600 | 1374 | 146,5 |
| MVX 65/3-2a FT | 365 | 941 | 100 | 476 | B5 | 1417 | 600 | 600 | 1517 | 157 |
| MVX 65/3 FT | 365 | 941 | 100 | 542 | B5 | 1483 | 600 | 600 | 1583 | 182 |
| MVX 65/4-2a FT | 365 | 1033 | 100 | 542 | B5 | 1575 | 600 | 600 | 1675 | 186,5 |
| MVX 65/4 FT | 365 | 1033 | 100 | 542 | B5 | 1575 | 600 | 600 | 1675 | 207 |
| MVX 65/5-2a FT | 365 | 1130 | 100 | 658 | B5 | 1788 | 600 | 600 | 1888 | 333 |
| MVX 65/5 FT | 365 | 1130 | 100 | 658 | B5 | 1788 | 600 | 600 | 1888 | 333 |
| MVX 65/6-2a FT | 365 | 1223 | 100 | 658 | B5 | 1881 | 600 | 600 | 1981 | 338 |
| MVX 65/6 FT | 365 | 1223 | 100 | 658 | B5 | 1881 | 600 | 600 | 1981 | 352 |
| MVX 65/7-2a FT | 365 | 1315 | 100 | 658 | B5 | 1973 | 600 | 600 | 2073 | 357 |

60 Hz min⁻¹ ~ 3400

| TIPO TYPE | DIMENSIONI IDRAULICA [mm] HYDRAULIC DIMENSIONS [mm] | | | MOTORE [mm] MOTOR [mm] | | POMPA PUMP | IMBALLO [mm] PACKING [mm] | | | PESO WEIGHT [kg] |
|----------------|--|------|-----|---------------------------|----|---------------|------------------------------|-----|------|------------------------|
| | D | L | ØDN | LB | ØP | | H | A | L | |
| MVX 65/1 FT | 365 | 757 | 100 | 425 | B5 | 1182 | 600 | 600 | 1282 | 142 |
| MVX 65/2-2a FT | 365 | 850 | 100 | 476 | B5 | 1326 | 600 | 600 | 1426 | 152,5 |
| MVX 65/2-1a FT | 365 | 850 | 100 | 542 | B5 | 1392 | 600 | 600 | 1492 | 186,5 |
| MVX 65/2 FT | 365 | 850 | 100 | 542 | B5 | 1392 | 600 | 600 | 1492 | 198 |
| MVX 65/3-2a FT | 365 | 941 | 100 | 542 | B5 | 1483 | 600 | 600 | 1583 | 202,5 |
| MVX 65/3-1a FT | 365 | 946 | 100 | 658 | B5 | 1604 | 600 | 600 | 1704 | 324,5 |
| MVX 65/3 FT | 365 | 946 | 100 | 658 | B5 | 1604 | 600 | 600 | 1704 | 324,5 |
| MVX 65/4-2a FT | 365 | 1039 | 100 | 658 | B5 | 1697 | 600 | 600 | 1797 | 343 |
| MVX 65/4-1a FT | 365 | 1039 | 100 | 658 | B5 | 1697 | 600 | 600 | 1797 | 343 |

2 POLES 50Hz

| MOTOR TYPE | | IEC SIZE | INPUT CURRENT A SINGLE-PHASE | | | Noise Lpa/dB | MOTOR 230V - 50Hz | | | | |
|------------|-----|----------|------------------------------|---|---|--------------|-------------------|-------|-------|------|-------|
| kW | HP | MEC | 230V | | | 70 | min ⁻¹ | ls/lm | Cosfi | Nm | Ts/Tn |
| 1,1 | 1,5 | 80 | 7,50 | - | - | 70 | 2830 | 6,78 | 0,94 | 3,70 | 3,49 |
| 1,5 | 2,0 | 90 | 9,30 | - | - | 70 | 2835 | 7,44 | 0,90 | 5,10 | 3,08 |
| 2,2 | 3,0 | 100 | 12,80 | - | - | 70 | 2795 | 9,36 | 0,98 | 7,50 | 3,98 |

| MOTOR TYPE | | IEC SIZE | INPUT CURRENT A THREE-PHASE | | | Noise Lpa/dB | MOTOR 400V - 50Hz | | | | |
|------------|------|----------|-----------------------------|------|------|--------------|-------------------|-------|-------|------|-------|
| kW | HP | MEC | 230V | 400V | 690V | 70 | min ⁻¹ | ls/lm | Cosfi | Nm | Ts/Tn |
| 1,1 | 1,5 | 80 | 4,6 | 2,7 | - | 70 | 2875 | 6,78 | 0,77 | 3,65 | 3,49 |
| 1,5 | 2 | 90 | 5,3 | 3 | - | 70 | 2885 | 7,44 | 0,85 | 4,97 | 3,08 |
| 2,2 | 3 | 90 | 8,1 | 4,7 | - | 70 | 2890 | 8,3 | 0,79 | 7,3 | 3,72 |
| 3 | 4 | 100 | 10 | 5,8 | - | 70 | 2910 | 9,36 | 0,85 | 9,84 | 3,98 |
| 4 | 5,5 | 112 | 16 | 7,6 | - | 71 | 2890 | 8,62 | 0,87 | 13,2 | 3,5 |
| 5,5 | 7,5 | 132 | - | 10,7 | 6,2 | 71 | 2935 | 9,82 | 0,83 | 17,9 | 3,47 |
| 7,5 | 10 | 132 | - | 13,9 | 8 | 71 | 2925 | 9,52 | 0,87 | 24,5 | 3,24 |
| 9,2 | 12,5 | 132 | - | 17 | 9,3 | 71 | 2920 | 8,72 | 0,88 | 28,6 | 2,14 |
| 11 | 15 | 160 | - | 20 | 11,5 | 73 | 2940 | 7,59 | 0,89 | 35,7 | 2,11 |
| 15 | 20 | 160 | - | 26,3 | 15,3 | 78 | 2945 | 8,23 | 0,89 | 48,6 | 2,37 |
| 18,5 | 25 | 160 | - | 33 | 20 | 80 | 2955 | 9,25 | 0,86 | 59,8 | 2,62 |
| 22 | 30 | 180 | - | 41,7 | 24,1 | 80 | 2930 | 7,1 | 0,84 | 72 | 2,5 |
| 30 | 40 | 200 | - | 54 | 31,3 | 80 | 2950 | 6,8 | 0,87 | 97 | 2,4 |
| 37 | 50 | 200 | - | 65 | 37,5 | 80 | 2950 | 7,2 | 0,88 | 120 | 2,5 |

2 POLES 60Hz

| MOTOR TYPE | | IEC SIZE | INPUT CURRENT A SINGLE-PHASE | | | Noise Lpa/dB | MOTOR 220V - 60Hz | | | | |
|------------|------|----------|------------------------------|---|---|--------------|-------------------|-------|-------|------|-------|
| kW | HP | MEC | 220V | | | 70 | min ⁻¹ | ls/lm | Cosfi | Nm | Ts/Tn |
| 1,10 | 1,50 | 80 | 8,00 | - | - | 70 | 3420 | 6,78 | 0,94 | 3,70 | 3,49 |
| 1,50 | 2,00 | 90 | 9,80 | - | - | 70 | 3435 | 7,44 | 0,90 | 5,10 | 3,08 |
| 2,20 | 3,00 | 100 | 13,40 | - | - | 70 | 3480 | 9,36 | 0,98 | 7,50 | 3,98 |

| MOTOR TYPE | | IEC SIZE | INPUT CURRENT A THREE-PHASE | | | Noise Lpa/dB | MOTOR 380V - 60Hz | | | | |
|------------|------|----------|-----------------------------|------|---|--------------|-------------------|-------|-------|------|-------|
| kW | HP | MEC | 220V | 380V | | 70 | min ⁻¹ | ls/lm | Cosfi | Nm | Ts/Tn |
| 1,1 | 1,5 | 80 | 4,2 | 2,5 | - | 70 | 3420 | 6,26 | 0,88 | 3,07 | 2,52 |
| 1,5 | 2 | 90 | 5,8 | 3,3 | - | 70 | 3435 | 5,14 | 0,89 | 4,17 | 1,71 |
| 2,2 | 3 | 90 | 7,9 | 4,6 | - | 70 | 3445 | 7,23 | 0,89 | 6,11 | 2,79 |
| 3 | 4 | 100 | 10,5 | 6 | - | 70 | 3480 | 7,1 | 0,89 | 8,36 | 2,96 |
| 4 | 5,5 | 112 | 13 | 7,7 | - | 71 | 3475 | 7,2 | 0,93 | 11,1 | 2,46 |
| 5,5 | 7,5 | 132,0 | 18,3 | 10,6 | - | 71 | 3465 | 8,09 | 0,91 | 14,9 | 2,48 |
| 7,5 | 10 | 132 | 24 | 14 | - | 71 | 3505 | 7,54 | 0,91 | 20,4 | 2,31 |
| 9,2 | 12,5 | 132 | 31 | 18 | - | 71 | 3520 | 5,9 | 0,91 | 26 | 2,2 |
| 11 | 15 | 160 | 35 | 21 | - | 73 | 3520 | 6,04 | 0,92 | 29,9 | 1,6 |
| 15 | 20 | 160 | 47 | 27 | - | 78 | 3525 | 6,5 | 0,92 | 40,6 | 1,77 |
| 18,5 | 25 | 160 | 57 | 33,2 | - | 80 | 3540 | 7,94 | 0,91 | 50 | 2,2 |
| 22 | 30 | 180 | 74 | 43 | - | 80 | 3516 | 5,3 | 0,8 | 35 | 1,9 |
| 30 | 40 | 200 | 97 | 56 | - | 80 | 3540 | 5,1 | 0,9 | 45 | 1,8 |
| 37 | 50 | 200 | 116 | 67 | - | 80 | 3540 | 5,4 | 0,9 | 54 | 1,9 |

EFFICIENCY CLASSES OF MOTOR - IE CODE 50 Hz

| Output kW | IE1 code | | IE2 code | | IE3 code | |
|-----------|----------|------------|----------|------------|----------|------------|
| | Standard | Efficiency | Standard | Efficiency | Standard | Efficiency |
| | 2 poles | 4 poles | 2 poles | 4 poles | 2 poles | 4 poles |
| 0,55 | - | - | - | - | - | - |
| 0,75 | 72,10 | 72,10 | 77,40 | 79,60 | 80,70 | 82,50 |
| 1,10 | 75,00 | 75,00 | 79,60 | 81,40 | 82,70 | 84,10 |
| 1,50 | 77,20 | 77,20 | 81,30 | 82,80 | 84,20 | 85,30 |
| 2,20 | 79,70 | 79,70 | 83,20 | 84,30 | 85,90 | 86,70 |
| 3,00 | 81,50 | 81,50 | 84,60 | 85,50 | 87,10 | 87,70 |
| 4,00 | 83,10 | 83,10 | 85,80 | 86,60 | 88,10 | 88,60 |
| 5,50 | 84,70 | 84,70 | 87,00 | 87,70 | 89,20 | 89,60 |
| 7,50 | 86,00 | 86,00 | 88,10 | 88,70 | 90,10 | 90,40 |
| 9,20 | - | - | - | - | - | - |
| 11,00 | 87,60 | 87,60 | 89,40 | 89,80 | 91,20 | 91,40 |
| 15,00 | 88,70 | 88,70 | 90,30 | 90,60 | 91,90 | 92,10 |
| 18,50 | 89,30 | 89,30 | 90,90 | 91,20 | 92,40 | 92,60 |
| 22,00 | 89,90 | 89,90 | 91,30 | 91,60 | 92,70 | 93,00 |
| 30,00 | 90,70 | 90,70 | 92,00 | 92,30 | 93,30 | 93,60 |
| 37,00 | 91,20 | 91,20 | 92,50 | 92,70 | 93,70 | 93,90 |
| 45,00 | 91,70 | 91,70 | 92,90 | 93,10 | 94,00 | 94,20 |
| 55,00 | 92,10 | 92,10 | 93,20 | 93,50 | 94,30 | 94,60 |
| 75,00 | 92,70 | 92,70 | 93,80 | 94,00 | 94,70 | 95,00 |

EFFICIENCY CLASSES OF MOTOR - IE CODE 60 Hz

| Output kW | IE1 code | | IE2 code | | IE3 code | |
|-----------|----------|------------|----------|------------|----------|------------|
| | Standard | Efficiency | Standard | Efficiency | Standard | Efficiency |
| | 2 poles | 4 poles | 2 poles | 4 poles | 2 poles | 4 poles |
| 0,55 | - | - | - | - | - | - |
| 0,75 | 77,00 | 78,00 | 75,50 | 82,50 | 77,00 | 85,50 |
| 1,1 | 78,50 | 79,00 | 82,50 | 84,00 | 84,00 | 86,50 |
| 1,5 | 81,00 | 81,50 | 84,00 | 84,00 | 85,50 | 86,50 |
| 2,2 | 81,50 | 83,00 | 85,50 | 87,50 | 86,50 | 89,50 |
| 3,0 | 84,50 | 85,00 | 87,50 | 87,50 | 88,50 | 89,50 |
| 4,0 | 84,50 | 85,00 | 87,50 | 87,50 | 88,50 | 89,50 |
| 5,5 | 86,00 | 87,00 | 88,50 | 89,50 | 89,50 | 91,70 |
| 7,5 | 87,50 | 87,50 | 89,50 | 89,50 | 90,20 | 91,70 |
| 9,2 | - | - | - | - | - | - |
| 11,0 | 87,50 | 88,50 | 90,20 | 91,00 | 91,00 | 92,40 |
| 15,0 | 88,50 | 89,50 | 90,20 | 91,00 | 91,00 | 93,00 |
| 18,5 | 89,50 | 90,50 | 91,00 | 92,40 | 91,70 | 93,60 |
| 22,0 | 89,50 | 91,00 | 91,00 | 92,40 | 91,70 | 93,60 |
| 30,0 | 90,20 | 91,70 | 91,70 | 93,00 | 92,40 | 94,10 |
| 37,0 | 91,50 | 92,40 | 92,40 | 93,00 | 93,00 | 94,50 |
| 45,0 | 91,70 | 93,00 | 93,00 | 93,60 | 93,60 | 95,00 |
| 55,0 | 92,40 | 93,00 | 93,00 | 94,10 | 93,60 | 95,40 |
| 75,0 | 93,00 | 93,20 | 93,60 | 94,50 | 94,10 | 95,40 |